

Incitantia or D Stimulants

ent consequence to waste your time in the consideration of the propriety of either of those terms; and shall apply them indifferently as may be convenient, for they are synonimous, you will no doubt be surprised after what I formerly so roundly afserted, namely, that I consider all the articles of the Materia Medica as more or less stimulating: I say, you will be surprised that I should come forward with a Class of Incitantia or stimulants articles, those whose effects that way are more evident, but it is necessary to keep out of view all evacuents: I proceed immediately to individual stimulants, and commence with

Ammontac. Volatile alkali

This is unquestionably a very im =

footant medicine, and has effected cures in a variety
of diseases, indeed it is so necessary in many cases of

practice, that I hesitate not to say it is a medicine we
can hardly do without: I shall not dwell either

upon its Chemical nature, or on the natural history
of it, nor will I pretend to give you a complete me =

clical history of the article.

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Do Brown disputes the stimulating propriety of it, but this quality is very evident; much more so indeed than that of opium. From the affinity of ammoniae to some of these medicines which have been found useful in intermit lents, it has also and with advantage been used in the case cure of them by several Physicians of respectability, sometimes it has been given before the accossion of the hot stage and in this case it moderated both The violence of that and the cold stage; sometimes it was administered during the hot fit, when it acted as a sudorific, and was better in combination with opium. The intermittents in which it is proper, are those which should be healed with back cascarilla, so some authors think it superior even to Back. It is peculiarly proper in those fevers which have a tendency to un into Typohus, some Physicians have even said, that they were unable to manage Typohus fevers unless with the ammoniae. It has been highly spoken of in those Fevers termed Hospital Fevers, Camp Fevers &c. by Pringle, Hauxham, and others; it has likewise been retommended in Malignant Fevers both in this however, and those immediately preceeding Ibelieve are medicines to be often injurious, and it is nevertheless been given in discriminately in all stages. In a the first stage of Typhus when the inflammatory symptoms run high, and there is reason to expect inflammatory symptoms in the Brain, it is improper but is peculiarly adapted to the third stage of the

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disease, and that more particularly when combined with opium: The writers speaking of this practice are not sufficiently pricise, the period at which ammoniae can properly be exhibited, I think it should be given during the apprixies: In Typhus there does generally two periods of excertation during the twenty Your hours and then our medicine should be but sparingly administered . . In giving volatile alkali opium, serpentaria, f. & but let us always choose the time of apprexice and remission In the distressing periodical head ach it is very useful, and in the shape of Tal. ammoniae has been said to be partially so. I would not advise in all cases of Ineumoniae inflammatory, but in that pleuritie affection which is common in mashy countries, which I formerly mentioned, and in which bleeding is improper; here it is an excellent remedy. In Ineumoniae, where there is great prostruction of strength, and difficulty of breakhing, when the pulse is no longer tense, but soft feeble, and inequelar or intermittent, and where also bleeding is of no effect, In such cases I say we are to use the volatile alkali with perseverance in a form, of which I shall afterwards speak: Warm wine, whey, Blisters, and opium are also useful in these cases. In Shthisis Pulmonalis there is hardly a Physician, who has not used ammonice

he after a from it speaks to sent after the sail men the first was declaraged lines, the high pate? The state of the s

either in a fluid or solid form. In that obstinate hoursness which succeeds to measels a watery solution of the Carbonate of ammoniac with Gum Chable and Jugar is one of our best remedies; I believe this housemess is never relieved by the debilitating Jolan, I have found Opium and Bark useful too, but neither so good as the volatile alkali. ~ The volatile alkali has been exhibited by some in the Hooping Cough but I have not employed it here. ____ In water Brash or Pyrosis it is very usefully employed. have never imployed it in Colica Pictorum, but from circumstances I believe this valuable stimulant would be found useful indeed. By some of the British practitioners ammoniae has been used in Rheumatism, and it enters into the composition of the tineture of Gum quiacum so highly recommended in Rheumatism, but I have to alone in Chronic Rheumatism to the extent of 20, or 30, and sometimes to be grains of the solid ammoniae in a watery solution, cluring the extent of zi and under a zf. I think the dose too small. In Hemipligia and the other forms of Palsy I have used it advantageously in the Pennsylvania Hospital; and from the resemblence of Palsy to Chronic Rheumalism, I should suppose The volatile alkali to be well adapted to it.

On those Cases of inegular gout where stimulants of various kinds are proper; this is also, and Yound of as much advantage as either opium &c. It has been recommended in convictsions from dentition, but I have not used it since I found the great advantage in Sinchisms, articles by which we are compleatly enabled to manage these affection; The volatile alkali has been considered as an almost infallible remedy externally and internally, for the bile of the Viper and other snakes; for an account of its employment in Inclia, (See the Asiatic Mr Sage a French writer has particularly recommended it; much this Bounds Country America.) In Ramsay has published an account of its effects in the bite of Rattle Snakes, but the cases which he mentions did not occur to himself, and I for my part did not think his account satisfactory. You will see his paper, and my answer to it in the Philosophical Journal of New York The abber Fontance who has paid a great deal of more attention to this subject than any other naturalist, ded not in his experiments find the volatile alkali of any use. . Drefer you to his work for further information, but will here observe that it was not only useless but that when it was taken internally it proved injurious to sparrows of which had been bitten: In When we reflect that the venom of the ocher acts by producing violent inflammatory symptoms, we should suppose a priore - that the stimulus

of the alkali would prove injurious it is not difficult to account how the volatile alkale has received so much Jame here; The bite of the Viper or Ralle Inake after producing the most alarming symptoms, such as Convissions, bloody stools, bloody wine &c. does not always prove fatal I once permitted one of these venomous animals to liter a Marbot, it was attacked with Convulsions, passed bloody wine, dash coloured matter from the intestines &c. and though nothing was given to it, the creature recovered; had the solutie alkacke or any other substance been exhibited, such substance would have acquired the reputation of having effected a cure mu The powers there of nature to get the better of the effects of the venom are very great, and it becomes Physicians to discard the erroneous, and permitions idea that nature exerts none, or very feeble effects in diseases. immunin

in Rabis cania, but I do not approve of it.

In various userous and calcerious affections the volatite alkali has been both externally and internally employed. The external use of it has accused Ulcers; and the internal and external use of together has cured cancerous sores. in 1780 Martin fub = lished a paper in which he afserts to have cured four Coxes of Cancer with the Caustic volatile alkali.

Hoofman has also cured with it a Technofulous uleer on the leg, he gave it externally, and internally, and was very interprid in the use of it, as to quantity.

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Our medicine is often given in a full or bolus, made by combining the Carbon ate of ammonion or concrete volatile alkale with some Conserve or syrup, This is a very good shape; and perhaps its effects are more permanant, but I prefer the following formula, which is a fluid. R. Coubonate of ammoniae _ 31. Sac. album - 311 agua __ zviii vebx. m. f. It is absolutely necessary to combine the sugar and Your arabic, for it makes it more palateable, and renders the exibition of the alkali less burning. I gene rally give it to an adult about liventy, or theity grains of the carbonate of ammoniae in this mixture in the 24 hourse, but I have not unfrequently given 40 Grains NARCOTICA D'Apaveraca Opulm « This I was formerly accustomed to place at the head of my list of Flimibants, not however as I considered it as the most powerful, or diffusive of them, but because I believed it, as it really is, the most

1.1RCOTIC.

Mountain

important Himubant we employ in practice. Opum is the produce of a spices of Poppy, which the celebrated Tinnaeus has termed the ex paperer Somniferum, because among the other qualities it has that of being marcutice, or producing sleep in This inestimable medicine without which according to Tydenham our hands would be tied up, is found growing in Ofice and Egypt: It is used in large quantities by the Matione dans, and produces the same effects as wine, in the use of which they are forbidden to includge by the precepts of their religion. It is called Thebaicum because it originally came from the vicinity of Thebes; at present however it is obtained from Singenice, Arabia, Persice &c, and in all the places from whence it is obtained the fields of this beautiful folant are tilled and well cuttivated. ... authors differ with regard to the mode by which Opium is produced from the Popower; some cire of opinion that it is done by boiling and inspifiating the plant: Dioscorides says that the head of proppy are wounded, and Pliny afserts the same: It is however only the micotium which is obtained by boiling, the opium is really procured by making an incifsion into the heads of the folant, these are cut in the morning with a fine edged knife, and the Juice which Hows in the next clay insispated; when the Toppy heads are Fout

companied throughout the and wife Control of the Contro continued allered the secretaries the continued by The property of the second · Start and the start of the st of some and the water of shoot of the company of man chierant dans revenis come and the house of the production

two longitudinal incissions are made at Sun set in them, from below, upwards with instruments resembling hancels, not so deep however as to penetrate the cavity of the head; the incissions are repeated untill six, or eight are made. It is probable that The other kinds of Toppy besides the somniferum would yield opium, the dark colour of the medicine is in some masses measure owing to the chaly beate of the instrument striking a dark colour with the adstringency of the Juice Says Dr Doctor Coump; but Isuppose that it is only owing to the access of Tight. Opium of a good quality has been raised in this Country - But I consider it improper in a moral point of view to introduce an experience extensive Cultivation of the Poppy for the purpose of producing the opium . .. There is a Manufactory of it established at Philadelphia, but in my opinion this is too for north, and I hope the cultivation will not be forwarded too far, for if easy access be got to it much misery will accuse: so eager is Man to fly for alleviation, if it be but momentary, or in disquise, from his lioubles and misfortunes: our slaves in the eastern states will perform perhaps fall the greatest victims to it, we seldom receive opium pure, it is generally adulterated with the expressed Juice, and extract of the plant, and sometimes, says carr, with Cow dung, hemlock or Might shade.

her longetudence mufsem so made the done so vie Theoper Tom below represents in he constained for combling lancely spot so day to amount a to provide the ed of the few to the weigness, are reposited in will are or right un marte. ... The probable that we offer many de fold posses the commencer may for done messered mouseure ouring to the of the beater of The informer to the King a duck colore with the addininging of the Tours Tay IF Dorte Camp. but dingpose that it is only owing to the accept of Light and and from your pool you dely destination and their landy the dead of order it early of we to it so sugaried found of course to in the store in excession estended latteration of the Poplar The Least of the Section in your on they is the dispuse from his limber and or spilares; our struct in the contern states will propose worth the experience chains, and extend of the plan describe every elimen, stone every with the algery, Frenchesk

I now proceed to consider the effects of opeum upon man, and other animals in a healthy state, and first of its effects when externally applied to the living human body. I When opium is applied to the eyes, to the internal surface of the nose, or weethra, and simular parts of the body or to any from which the cutiele has been removed there is first a degree of heat, and pour in the parts and afterwards a dimentation of sensibility in it. Some authors have doubted the heat and pain, but experiments have been made to elucidate and prove it, and to these we shall pay some attention. Doctor Erump prepared a solution of opium in the proportion of 31 to 3x11 of water and powed a little of it upon the eye. Pour and Inflammation, together with a discharge of tears were produced; upon the other eye he powed spirits and water, but the effects though nearly similar were left considerable un Sandanum applied to the Tchneiderian mem = - brane proved irratable, and exitted sneezing and in powder opium produced the same effects in the nose, as weak snuff would have done. According to Doctor Erump a solution of opium applied to the weethra a burning sensation attended with pain; I do not however think these effects so great as to preclude the application of it to these parts; and accordingly I have injected Landanum with mercinal preparations

a secret to one who we appeal of supplied to the eyes, to the supplied surprise in server in involver and since on fronte of the only in to may from which the withite that have remined There is present to separate of himself and the comment of the and reterminate in summercetters. I granication and prove it and I have now shall had some. of equipment the perfortion of Is to 3×1) I conter and proved a with of it upon the Eye. First and May Vienne attent to gether aretal or develoring of levely were produced; whom the other sye is homest specie and water, but the feet things in the most of an in any frame former were Educating to Green terms or solution of green applied to the weeker a bound orman attended with from I is not however thing it to there front, and prevaingly is have in acted to a stancers with mountain fugue

The former however copiously, and never experienced any inconvenience from it. I Having scraped the cuticle of the wrist Doctor Erump applied the agueous solution and found it to produce heat and pain, but he says that though it acted thus on an excoriated part of the body, yet on the Eulis it produced no effects. Berguis however entertained a contrary opinion, and believed that it acted as an ananodyne; But Doctor Cump wore opium on his aims and wrist for eighteen hours without any sensible effects, the parts differed in no way from the surrounding, after the removal of the opeum. Teveral other authors confirm the result of his experiments, but many others contradict them. Doctor Austin experienced the same result in his as occurred in the experiment of Doctor Erumps.) Doctor Morling says, that externally applied opium is inert, but De Monro, Sind, and Mr Sovie afsert, that its external application does produce effects, Dr. White of Edenburgh says that were it could not be employed internally he employed it externally with advantage. Doctor Cullens remarks are too valuable to be passed by unnoticed: He says that it may be used both externally, and internally; that it acts upon The parts with which it is immediately in contract and by diminishing the sensibility of such parts, may relieve the poin which afflicts them, we

want of the want to the temper Explaine the agreered to letter and and friend at it promes there? There ? as successfull plant of the today of the the thill it has de noide an expert, in Theopen Francisco as tratainer a some my operand and believed that it with the an are desiragene; But Doctor Errory and gramme on his cross ward coust for eighteen hours could not oping is sist to the France Front count expection after that its expense applications. deer process offerte, Di While of Edenburgh and that were it routed not be compleyed interiorely the Declar Cultim invantes in the intermediante to largery and by secretains : The says had it may be seend the prost with white the is insural attificie contacte and by acquireding the southertety of such forty or expression the form which applied them, we

also he says that aprim acts not only upon the parts to which it is immediately applied, diminishing their sensibility, and thereby relieving their pain. Thus a plaister of open applied to the temple has relieved the tooth ache he has found the external application relieve the poins and spasms of the stomach; he thinks it may be used in plaister or pouttice, but prefers the liquid from either in water, or proof spirits, the latter of which he thinks the more eligable for that it extracts better the volatile parts of the openin, upon which, in his opinion the action of it in a great measure depends, and this votatile part we presume most peretrating, and therefore best for external use. Me Waid says that externally applied our medicines produces evident salutary effects, he has made some experiments to prove this, but I shall not detain you with an account, as I do not think them as important as Erumps ... Doctor Henry Jackson, a graduate of this University, has made several experiments with a view of illustrating this subject in he wore two opens plaisters to the soles of his feet You eighteen hours without any effect, not contented with this he applied about your o' Elock P. M. an opium plaister to the Epigastic Region, and suffered it to remain there untill twelve o' Clock the following day without its producing the slightest effects on the cutile I Landanum externally applied, he says increased the pulse, but this was very temporary, and he attributes it

to the smell of the open, which it contained

agrees which is the francis the mation of the in in for external use in the Haid way that with all deel sohall not statum, you with an assesse, as it is not thent them as confinitioned in Business Total Thing Indians a grandrad I this almineracy has made several Experienced. with a view of illustrating this authority. The ware two spream planter to the total of the file with this he applied afort four a Clock Peter in opinion planter to the Englante Reserve and reffered to to some wint There winder the trade but the was very temperary and he attitude in to the small of the few forms while to contrathed him

From my own observations, in many Instances I am convinced that opium externally applied does produce manifest effects, and among many others I could mention I cannot pass by the following: On a patient of mine who was afflicted with frain in the stomach and abandomen, every time that opium was applied during the course of several years relief was experienced, together with the several concomitants of our medicine, as constipution and costiveness. I have also seen Landanum subbed in the temples produce the same effects that resulted from the internal use of it, induring sleep, sickness, and vomiting Indeed it would be singular if after having been so long used externally, it should first now be discovered inactive. Thave no doubt however but that so many effect, have been ascribed to the external application of opium, the I am confident that it always does produce some effects; In Europe, especially in Italy, this method of employing opium has excited considerable attention, In a woman afflicted with pains in her back who refused to take our medicines internally, a Physician of one Staly was determined to try its external operation, he therefore dissolved Three grains in It of the gastuc Juce, which dissolved it in a half how, and mitsing this in an ointment, he applied it to the back, and completely relieved the pain . - In the form of an ointment compound of

considerate of our medicine resemble that and and societies through the window on marriage field that it advange does produce some offects; with a made to laster offer any character and continued by the half hours and mapping that our dist continuent her

It of opium to a pound of simple ointment, it produced sleep in a Boy, one ownce of the mixture contained ges of the open. It would appear from the expe-- rement of a Florentine Physician, Chirungi, that the addition of the gastrie Juice is not necessary to the action of opium, he made use of it with alkohol with very good effects, supposing opium to act externally, in what manner does it act! Dr. Chiringi thinks that it penetrates the skin and acts upon the nervous system, I believe that it dets almost intirely upon those parts of the body to which it is immediately applied and this produces its effects upon other parts independently of absorption: Even when applied in the shape of landanum & believe it is not absorbed; D'Eullen Mought that it was transmitted through its aganic pores. In experiment has been made to prove that fogs absorb opium, but this is no proof of its absorption from the surface of the human body, because the human skin and that of fogs are very different Of believe all aqueous animals about water, and that this only enables them to exist as long as they frequently do without food, we find the vasa diferentia of these animals terminating in the skin. www. Inow proceed to consider the internal use of opium as it affects the vital, the natural, and the animal functions

appearing good and some of the contract of the source of the son we refuge a comment of the second from the second of t the mangement the properties winds since you Burness of the first supposed to the property of the first supple of a completion of them some explanation the conof transferring of a rese of is not aparteed in the circums The party think as a frequently of the angle of the The Device of Secretary of the many of the secretary of the first of the secretary fing wheat frame had the in suffered of the absorption from the singless of the houses beeff, because the the state of the state of the said and the said

The effects of opin on the vital functions; In the first polace it creates or rather encreases the action of the heart and artiries, makes the pulse fuller, and stronger, but its pequency is afterwards diminished, me During the increased action of the heart and arteries the heat of the body is greater, but respiration is not much affected, except when a large dose has been exhibited, and then it becomes flow sterterous and laborious - finally, a species of apoplexy comes on, simular to that produced by dunkenness and the use of henbane. As there are very few points upon which Physicians, are und numously agreed, so it is with the action of opium upon the human body: Some say that it diminishes the pulse; while others mention an increase of it, and that the determination a secondary effect. Cullen says that it first iritates the Sanguiferous system; _ Dr Boorhave afserts that it inche uses the force of the circulation, and Dr Douvin is of the same opinion - The former appears to have entertained a preety correct idea of the operation of opium, but it was supposed, even before his time that opium produced a stimulating effect. In Brown says that he was the first person who pointed out the Seffect of the medicine, but he undoubledly was not Dr. Booka are says that those who are addicted to the use of opium in Africe & c when deprived of it, fall into depression of Spirits, and either sell every thing they possess to purchase it, or resort to the halter

The infant of yourse on the welch function; unterest the have of the look is greater, that ready with down who fitted and there is become from stortered similar of the to property de in december of a new He were of heard and was the green with the french who will be with with the arter of receive upon the the min love Tone can that it divined the the party what will all materials and increase of it seemed in the discourance in is of the same opinion in The Janeir represent to Tenore ementioned in filety course course of the grandian of the way of from the effect of whom thereon Tell rate enter classes from it to all and exiting the colors wing day for a proson we it is waret to the houte

for a termination of their troubles; he also informs us that opium increases the force and rapidity of the circulation he says that it acts while it is retained in the stomach and therefore that it exerts its force upon the news of that organ, or at least that it needs not enter into the circulation previous to the effects on the pulse &c. - he gave a quantity of opinim to a dog, and while the animal was in convulsions, he opened it and found the medicine yet, in the stomach, and from this circumstance he draws his conclusion. Trales says that the first effect of opium is to increase the Consulation, unless a very large quantity be taken. The experiments of Dr Erump are among the tatest, and most conclusive in favour of the stimulating properties of opium, he (asserts) assures us that they were made with the itmost care, and. with the greatest attention to every particular that could influence the result of them. morning Having breakfasted says he at A. M. I took one grain of opium in a tea spoon of water, the pulse was naturally at Ja beats in a minutes, in two minutes after I took the opinim it was at 70 and in

	min.	5	10	15	20	30	358,40	45-50860
-	beats	74	76	76	75	74	72	700

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opious increases the force and infecting of the civilation and therefore that the exceeded the Theo speed the same of that a your is at he wit the west not ent ents the receilation present to the effects on the person der sie in the se questied in new in the de see sever from our remaindering, the special of and that the fact after a great in a to innecessed the could instrume the death of them I marine with I whole I love in govern grains quantized at the spens

strength and fullness of the pulse, during the whole of the discussiness: I gave a young man he continues, whose pulse beat naturally at 44, one grain which produced the following variations in the pulse

										100120
beats	44	44	50	52	54	48	46.	44	42	40

After liventy five minister had elapsed there was a manifest increase of the Gillness and strength of the pulse, the man had never taken opium before 'In the afternoon my pulse beating at 70 I took two grains of opium, the result of which was as follows?

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												6090
-	beats	70	74	76	78	80	72	70	64	64	66	70.

'In twenty minutes the Juliness increased and I imagined myself sprightly; in forty minutes I experienced a langued pleasing sensation, and afterwards newsed, and clowsiness, head ache, and vertigo, in three hours I omitted but continued stupid during the rest of the day'. To me, these experiments are conclusive, and yet they are not so complete as to leave further investigation unnecessary. Haller as also given striking proofs of

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of the stemulating effects of opium; in the Caller part of his life he was under the necessity of employing it himself, and he says, that after using it in injection his pulse was raised from 75 to 86 and sometimes 100, one grain of opium raised Mr pulse from 76 to 84; The same outhor baid bare the hearts of some fogs and upon the exhibition of the me de une peneived a violent action. I think therefore that the primary effect of the article is to increase the frequency and at the same time the fullness of the pulse; I think that such authors as have entertoined a different opinion, have not allended to the earliest effects of our medicine. In such experiments we should attend to the pulse from the very minute at which the opinion is taken, especially when we employ it in a liquid form, The same observation is applicable to experiments with other substances, since many articles det almost immediately. De Baid has written an essay upon opum, in order to prove that it produces a Sidative effect, but his experiments are very unsatisfactory, he was quite inaltentive to its primary effects; he look gr. Is of opinion, his fulse being at 71, in one hour it was at 6g, and in four hours at 57, but he gives no account

Large Land M. C. S. Ste. Marin meeting four Court The property of the party of the second which substitute is seened interest that the site of the

of its operation during the first 35 minutes, and consequently said not suppose that the medicine would have so instantanous effect; I believe however that these experiments of Bard rossis convinced Doctor Cullen of the sedative operation of opium, and induced him to teach this doctrine, You it is a fact that he previously laught quite a different doctrine, from which he gradually (fled) still eifter his pupils (Bands) discitation. We have still more to say before we conclude the effects of opium on the arteral system; while it increases the Juliness and force of the pulse it actually does increase the Theat of the body, as I have experienced many times in my own person. In Marlin on the contrary says that he applied the Thermometer and it indicated no uncommon degree of heat, but every person who had observed with allention must be fully persuaded that the heat of the body is actually increased by it . . L. Erumps) in his experiments found this to be uniformly among its other effects, and every writer almost has observed a dryness of the longue and fauces, a flushing of the face, and burning of the hunds, which all are certainly indications of the presence of a Stimulating and an increased heat of the body; almost all writers

soften i while it windows to the things and The way the state of the state

also notice the high coloured wine, the heat &c which follows the use of open and Junters amen is also a general consequence, and is with me an evident proof of the stimutating properties of the article when given even not in large gluantities which I think can only be explained from an unusual quantity of blood being propelled in the Brain, a certain proof too of its stimulating power ... It would seem that in general untels the open is taken in large doses, the respiration is less affected than might be supposed, Dr. Crump thinks that unless they were large he persived no alteration in the respiration. re effects of Opeum on the natural functions. here, large closes of it impair the appelite, we are bangour naused, and sometimes induce vaniting, the intestinal discharge is diminished, but the other secretions are I think increased, Though this is not so universal an opinion, and you will find it to be far from that of Debullen. The action however of the absorbents being also increased the secretion at Just sight appears to be disnimished. I The use of Topuin impours the appelite; on this account the Inhabitants of Inded in a dieadful famine which affected them in the year 1770 took Sthe demand for food, and render the approach?

The had the body of the species of an accomplete of function is the species of the second yourself dissipplies of decime in action to approved -The range of the fact, and weather the approved

of death less formidable, a very ingenious writer Doctor Gertanner has soud that opined is notrious because it Itis a positive stemulus and ready to combine with oxigen but this really appears to me to be ingenious monsense, for oysters &c which are already overcharged with oxigen would not be nutritions, a direct contractly to the fact: In fact I believe you men not at infected with maned could approve I Gertaners opinion. Opium impours digestion, and induces vomitting, and that even not in large doses, these effects however most common when burge or repeated doses are used, It also dimenishes the intestinal evacuations, and this is the most common incon-= venience resulting from its use, This is not however an universal effect for it sometimes induces purging in certain constitutions Stahl informs us that when he gave opium in Exo Colice putonim it purged, I believe that opium produces this effect when there is great torpor prevading the intestinal Canal, and believe that in this case too it acts as a Stimulant, I knew a Gentleman whom it always purged, but if at any other time he was affected with a dienthose opium would stop it; very large doses frequently prove purgative, this I experienced in the case of a young Gul whom I brought to take presented levenly two grains of solid opinion, and it always purged her: It is remarkable for producing flaturs and is a carminative. I Physicians entertain

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The state of the s and at more than the transfer of - 140 mg the state of the s the contract of the second of being their do a mountable for parting the

different opinions with respect to its effects as a dimetic some have given it in dropsy, but I shall speak more Gully of this part of the subject when I heat of durities, Mi Donald Muno and Mr Mason gave it in dropsy; Mr Me, Runnis who was in this Country with the Hefsian Choops, observed its diinctie effect when given At to Veneral patients. D'Holler did not think it a clieratic, on the contrary he tells us that the quantity of his wine, Salva, museous from the nose &c was diminished by the use of it: I have sometimes seen et act as a deuretic but not always, I think it rather increases the effects of Henbane Fox glove &c. It is often said to act as al Tilagogue; Dr. Me Kennis says that he observed it to Groduce sometimes an increase and flow of Talva. There are however other medicines besides Muruny which produce this effect, it has rarely acted as a Tealogo que except in Typhilis where patients generally Though often ignovantly have taken mercury in some shape: Thoroland retates the case of a woman and purgative. Ofrum increases the perspiration but without proportionally lessening the pulse, this effects of it is accompanied by an inconvenient ilesing of the skin which often continues for two or three days, and which may be removed by drinking warm liquid, as milk, ted, or wine whey: This itching is I think occasioned by a certain action of the vefsels of the Brain, which is brought on by the will = ation of the opium ..

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23.

Our medicine often induces in some persons an emplion simular to Materia upon the surface of. the body, Dr Haller informs us that the smell of it is perceptible in the perspiration of Those who take it and this would lead us to believe that it enters into the course of the cumbation which indeed is my opinion. a Mephew of DB overhave gave open to a dog, and whom hilling him found a preternatural alcumitation of bile on the duo denum and gall blackder, the liver was also turged with bile and since his time Columnes experienced the same results. Doctor Dawen says that ofum and alrohol increase The secretions, and absorptions, but that the former appears to stimutate the excretions less than the latter, because the after taking it the secreted fluids are in larger quantities, yet they are taken up by the absorbents, and therefore appear less in but the excretion from the skin is taken off by evaporation So before it is absorbed. This is a very singeneous Theory, and hesitate not to suppose that it approaches very near the buth.

on the Animal Functions

to treat in as brief a manner as the subject will admit . It produces hitarity and if it be taken in large quantities intoxication: This is however attended with different symptoms in different constitutions but

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24. in general it it of an agreeable kind. It likewise occasions Priapism and a propensity to veneral pleasures, and this even in old people. Of this Doctor Haller and some others have been wit = nesses un Ofter some time these effects subside and Tare succeeded by weariness and fastidiness, insensibility to external imprefsions and a disposition to sleep, and if the dose has been too large all these symptoms continue to increase, and regors, vertigo, and convulsions succeed, such are The common Though not uniform effects of opens for death has been brought on by the use of Landanum without previous convulsions. I have seen two cases of persons who distroyed themselves in this manner without having conversions It is said by some duthors, who have Ind d better opportunities of attending to the subject than I have heed, that when these convulsions are included by an overdose of (Sandanum) opium) They are of a preculiar Kind. They have intermissions and are removed by the slightest touch, in some measure they are said to resemble detanus. Tome writers have doubted whether opium ever produces an exhibit = rading effect, especially in those who are accus = - lomed to its use; but to me it is very obvious that it does . _ D'Ramsay wishing one night . to study, and feeling sleepy, took a close of tandamem)

nefore and them down love their afficial destation all there court tours continue to increase the monthly maple majores you along , woweness off have be accorded to the the first for the way the formal many single come and the second of the the time the dealered secretion of many secret forecases to the contract menon who were made in house the house to send year a factory steepy; in he is their of

glls XXX which made him lively untit the approach of morning, when he again began to feel steepy, he then took between go and 100 drops of it which again included hetarity and that shortly to such a degree as to make him leap, dance, &c. Jinally a mist seemed to appear before his eyes, and he became drowsy again. I De Cump says he has seen it produce Can increased flow of spirits and an enlived image = = nation, which terminated in drowsiness and pleasing langour; he has often seen the same effects in others. I have often used it myself and powerfully convinced of the veracity of these afsertions. Its effects I think are very simular to the best wine, on children at The breast, these effects are very similar to those, adults I have seen Infants at the breast in a state of plea-- sing intoxucation by it, when it even exhibited in The smallest fortion. . The is much used among the Castern nations to inspire them with courage and hibarity of genius, and its effects are by them so well known that they would laugh at heaving a medical professor doubt whither it produced these states of the mind; they take it in battle and upon the occurences of misfortune prevalent among mankind, which logether with a want of forteliede induce the use of this article and the immoderate use of andent spirits; articles alas which have depried The world of many a valuable statesman, Poet, Physician, and Philosopher, to which many of the Chelchen of genius have fallen a divoted viction;

we have been should as well in some with the marche Sum that more for former was of the content of the content of the content of the content of The control of the co want house the they were great was the second a medical forgetien while with the fact of and the state of t income the test to search the wife in the wall of present en seem stronger of special and of more or specialist for in The same of the sa A CONTRACT OF THE PARTY OF THE The Man

genies of the first order secumb to this; Those promising talents which called From Brown from a low and obseure station in life to that of an eminent Physician were alas! doomed to be sacrifised eventually to open andent spirits &c. Drafsel informs us that the use of opinim is not extended to all Furks but to only a certain number of them ; and that some mix it for use with one or other of the aromatics. The John Shardin tells us that it is used by the persians in various shapes . sometimes they take the Juce of the Poppy made into fulls, or dunk a decoction of it, when a Persian finds humself in a distressed situation he takes a peice of opium about the size of his Thumb and afterwards swellows . a quantity of vinegar, this probably moderates the effects of the opium, as the vegetable acids have a remarkable effect in diminishing the effects of narcolies, notwithstanding this however the opinium throws him into the most extravagant meriment and terminates in death. Tie John Thorden says they also use it in decoction made from the seeds &c of the poppy, and this is sold in houses solely appropriated for it, something like our draw Thops; The open is also introduced into private circles and also produces helarity of spirits and ebriety, exactly in the same manner as wine with us. I shall add one more to the numerous proofs already mentioned in Javour of the stimulus of opium Mobal Ogelvie the Jamous orator tately

the wind of the property of the property of the property of Enter the more like to the total the service of the service to the The second secon the state of the same of the s the former the species the second the second second the in her is the man while the first with the mention with and about a grant to make the summer was and a war were without the same of the same with the same of from the court of man land and francis of the security

in our City look an opportunity once of marking asking me what doctrine I taught respecting the action of openm, · I answered that I considered it a stimulant and hel observed that he was astonished at any other idea being entertained of it, that he was accustomed to the use of it, and that it never failed to produce the same effects as brandy. Of the effects of Opulm on other animals. a solution of it applied to the eye of a dog excited from and inflammation and flow of tears. Do Crump injected some of the aguarus solution into The abdomen and on opening sometime after the surface of the intestines and abdominal viscera were inflamed; he laid bare the heart of a dog and waited untill its action had entirely ceased, an aquaous solution of opum with worm milk renewed it, and after this had subsided the same effects was again produced The same attempt made a third time failed but by injecting some of the liquor into the left vinous sinus, a strong contraction was brought on; warm water injected in the same manner failed. a woman of bo Jeans of age swallowed 36 grains of opium in five or six hours she fell into a profound sleep but her respiration was rathing;

The growns of opium in five or six hours she fell into a profound sleep but her respiration was rathing; she afterwards awoke, and swallowed some vinegar but her respiration was still she look of pricure wanted to no effect: In eleven hours she died, upon difsection the inner surface of the Stomach

en our teste tock an optionism is to therefore allows the expectation and the theory of the contract The state of the second Cille effects of Cheeren and and and insule the revery flat the site of the the face with a set of the set of the set of the set of the set of

was found inflamed and partly conded, and it contained The vinegou and Spheacuanha, but the opium was dissolved; the inflammation had extended to the somall intestines and the large ones had assumed spots a gangrenous appearance. The joints were flexible, the muscles entirely relaxed: The small intestines were also relaxed, and the large ones were (inflamed) inflated; nothing preternatural was absorbed in the Brain, and the veins did not curtains contain more than their usual quantity of blood. These appearances bore a great deal of resemblence to those who died of the yellow fever in the Ely, generally the breun was found sound though not always, and the seat of the disease appeared to the the stomach and intestines. In The resemblance between wine and opium, is worthy of attention, and has been taken notice of by Boverhave, Brown, and many others, Wine increases the Juguency and Juliness of the pulse it augments the heat of the body, gives a pro-- pensity to veneral pleasures; in large doses it intox - icutes, it exhiberales, is diwetie, and by long use reduces both body and mind; all these are also the effects of opium, wine perhaps does not resemble opium in producing Costiveness except it be good red wine. Projegsor Murray does not think the analogy very great, he says that open does not supplies the Secretions, and that spiritous Leguors do not, but I have shown that it (opium) does not suppress most

the compact of the first the state of the first of the state of the st The state of the s ment exterious and the last was had affected some Training desicted of the ways at the section will have more than their winest granted of these. There E characterine houseld ingressed in the starting of explosing also is always to small by they say, colour different and made; It then give a faction of the

of the secretions. Mr Soure has related the case of a manual whom opium made outrageous, whereas wine did not; this however proves nothing at all, because opium is frequently given in Maria, and its effects are different in different subjects, and even in the same person's at different limes, but where opium is injurious, wine is generally so too. Opeum contains a gum, a Resin, and Jewelent matter, the last appears to be enert and the active qualities are confined to the gum and the Resin, the Jumes however is less active than the tatter; the bitterness is confined Ito the gum, and the oldstringency to the resin, the factulent matter forms about four parts of the white, and the remaining eight parts in livelve are formed of the Resin and Gum v. e. Your parts of each in 12. I now proceed to treat of the use of open in diseases, and first in fevers of the intermittents kind. This is not a modern discovery for even Galen, who calls it the band, tells us that it performed wees, it was used by the arabian Physicians, by Parachus, Endermis, Flostus &c-Lately Mr Barriot and Doctor Sind have called the attention of Physicians to this subject, the formers advises it to be given an hour before the Paroxysm, particularly if there are tremours in the cold stage, The Minks it improper during the hot stage. Istind however gave it in the hot stage, and says it abated its (effects) violence, and shortned its duration -

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duration, removes the pain and fever, produces sweet and agreable sleep, and afsists the back, he says it is more generally useful in intermittents than any other medicine, he exhibited soon after the commence -= ment of the hot fit, and says it never did haim Mought it might do no good; If the patient was deterious opium did not increase the deterium, The thought it a very good preparation for the bank When the patient was costive he gave it in 31 of the Tinctura Sacra, and if the patient had taken a vomit he always waited for some time, he says finally that since he adopted the use of open in these Jevers he never knew them terminate in Jaundice, or Dropsy, Trofefson Bollener of Lyden gave open in intermettents with great advantage an how before the Paroxysm. I cannot from my own experience say Mat Dr Finds practice was injurious, but I should not like to follow it. There observed that ofeum increased the pain in the head &c after the hot fet had subsided; I am not singular in my opinion of its impropriety during the hot fit (stage) Men Storetis of vienna gave it after the manner of Doctor Beriot, only two of his policits were benefited by it, and that only partially, for they continued for a long line weak, and without appelile, and his other patients were generally injured by the medicine; of place much confidence in Di Stocks opinion, but I do not think that Sinds practice was so bad,

bad, he practised in a warm climate where there is a greciter determination to the skin than in ours winner Dr me Rachn of Magara gave an a dyne draughts at the commencement of the hot stage, he combined them with some nuctual salts, and thought that they mitigated the violence of the paroxysm but increased the debitity of the patient. The Given in a lip of Coffee without milk, or Jugar, about the time of the processing of an intermittent, opium does much good; the Coffee diminish the narcostic though not the stimutant the Sudorific effects, and this is probably the rulionale of the facts of its utility in combination I learned this practice from Drome, Therene of Bushington. Forty drops of Sandanum; in a Cup of strong Coffee is not more powerful, as a nourostic, than liventy Two or Thirty drops without it, but the Coffee increases The powers of our medicine, in keeping off the paroxym of an intermittent, in what manner however I know not with certainly. Mr. Hufeland gave Dovers powder before the acception of the paroxyom, and suspect that this is the best method of exhibiting our medicine in intermittents, I have never used it in the dreadful bethangie or befrous intermittents, but by others it has been advantagely employed by them. Opium is oxoba frequently combined with back in the treatment of intermittents, and Willen says it increases its power, when it is given just before the paioxypm, I suppose.

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This combination to be peruliarly in the intermettents tending to Typohus, It appears therefore that opinin is disefull before the paroxysm either alone or in union with other substances; but the testimony of its utility during the hot stage is not so weighty; Desind being the only author who mainteins it, I proceed now to speak of its use in Continued fevers; these have been by former nosologists, divided into many genera; bullen reduced them to Synocha Typohus, and Typochus, I do not how = = ever agree with him in the opinion that these are produced by different micismata Typhus, by animal and the others by the vegalable mias mala genuine lyphus has been known to be produced by a stagnant take and has been proved by Loctor Eurie in his works on Jever Tayohus in the beginning, I will not say an Inflammatory difease, but the febrile symptoms runs very high, for this reason I think opium must be imphoper, and Drbullen is of the same opinion; he says that in many of the inflammatory Geners of Scotland there appears to be more or less of an inflammatory diathisis in the system, and during this state he holds, and has often seen The use of opium injurious in the extreme, it neither induces sleep or relieves pain, but aggravates the inflammatory systems and frequently determines to particular inflammations, which afterwards prove fatal, the duration of the inflammatory stage is different in different persons, and I believe

The carried and the state of the self-controlled leading to closers. The approve singuished that from The same of the sa Mariella Committee and the same of the same of the same of the same was a second of the second of AND THE STATE OF THE STATE OF THE PARTY OF T If an englamental leading with the regulary

that all fevers are the effects of stimulating agents. I believe the matter which induces Gellow Yever to be the same producing Plague, after the Inflammatory symptoms have subsided opium may be proper, but wine is here more useful, Deterium often occurs with inflammatory symptoms, and Then wine does hour, and it is most effectually healed by purging, bleeding, and blistening, but there is a kind of delerium in the most advanced stage of Typohus which proceeds from the irritation of debelly when were and opium will be proper . In Ty denham says that opium should not be given before the twelfth day of the disease, but I would not altered to the day, It may come to the Physicians but very probably to The patient, even in the third or fourth day, and after evacuants Twould exhibit our medicine. Da Gilpin thinks it very useful and recommend his works to your perusul, he says that in the delerium in the advanced stage of Typohus we cannot proceed without wine, or opium, D'bampbell Mought highly of it, he says it produced a pleasant decam (say sleep) and sometimes a febrile symptoms, when he says the patient was found in the morning to have been reftlefs and to have all the symptoms inireased. Openin with Camphor is used to produce a determination to the Skin, Dobampobell used this also, his Jamula in mild cases was,

The Opinim go I on if. Campshor go X vet X V m. f. entire bolus. When the symptoms were more violent he used

the following formula. R. Junet . Shebair . gtts 4 8 Sometimes he added, vin , antimore gtts XXX vel. X 1. m. and take two thirds of this in the evening, and if the patients obtained no sleep take the remaining one third an hour afterwards. I Culten exhibited with much Judgenent in fevers" in the advanced stage," says he of continued fevers, a cucumstance occurs which Ave cannot account for, the cause of fevers gives an writation to the brain which is not of the inflammalory kind, but produces convulsive motions of the limbsto a considerable degree, and to this initation we impute the subsultus Tendinum so much noticed in the advanced stage of continued fevers in the same similation pequently produces determent which is not of the Phrenitie or inflammatory kind we call massical "in In this case. the thinks opin the sovereign remedy, commonly to be given in large doses and to be repeated every eight hours, he should have said every four hours unter sleep and a remission of the convulsive motion and delerium allow of longer intervals; it is very useful in the want of sleep succeeding the deterium from debitity in continued Jevers, in the convulsive motions, tremors, subsultus tendinum opeum is the best medicine which can be employed Doyoung says that the best medicines to remove these symptoms are wine and opium given freely. = timied Jevers, fracticularly Typhus, here I have seen

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opeum in many cases useful, it is sometimes given in Glyster, but I think we should keep the bowels regularly and moderately open in all fevers. I have seen many cases of Typhus fever during my practice, and I always employ Quim in it; In fact I should as soon think of hecking Preumonic Inflammation without therese of the lancet, as Typhus without oform opium, it is extremely useful, it raises the pulse, increases the strength and dischales the deterium, but the proper use of it is difficult; a second close of it should be administered before The stimulating effects of the proceeding one has sub-= sided, because at the of the effects of one close we often find the patient in a state of extreme langour and debitity, and I have often waked the palient to exhibit another dose of opium. It generally produces sweat, but this effect sometimes goes so far in Tayfolius as to prevent the exhibition of it, when moderate however it is generally usefull. I do not think openin useful in Tellow Jever, except in some peculiar cucumstances, it generally increases the poin in the head, back, and the delerium, and does not stop the vomitting it also constitutes producing thereby an accumitation of Bile and facus in the Vellow Jever of 93: There was a general pain in the liver, so general that D" Parki observed to me that it appeared to be an epidemic, this was increased by opium, and sometimes this substance, when administered in a state of Convalorsence, induced

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a return of the pain after it had subsided, I do not however mean to say that open was never! proper in Gellow fever, when the stomach was very untable, and the pulse very feeble, with no topical inflammation at all opium has been found very useful, but sometimes the vomething was not stopped by the strongest stimulants, and it was sometimes supported by an inflammation (sayinflammatory state) of the stomach which could not be increased but by opening Tometimes when brandy would not produce the effect; I gave freely, large doses of asher with succession in some of the worst cases. The Plague is a disease of great Jebrile excitement; and therefore in this stage opeum must be improper. Ishould imagine however that it would be useful in certain stages of this desease, though I have had no experience of its good effects, having never seen the disease except in this City when the Gellow Jever tended towards that form. Igo on to heat of the use of opium in Phlematice. These constitute all the orders in the Glass Pyrix ia, they are diseases of inflammation and the generallity of Physicians consider the employment of opium in them as improper. Inflammation has been divided into active, and passive, The former depending on an increased action of the vefsels, the latter producing say producing Chome Partial or general debitity

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Ineumonica, Gratilis, acute Rheumatism, are examples of the active Species, and of the passive kind are some species of appliationed, Chronic Pheumatym & Tchrofohula. In active inflammation The antiphlogistic regimen as bleeding, general and partial purging, Stistering &c are very proper; while in the passive species stimulants should be applied in that kind of apholina unattended by active inflammation the simple application of water has done harm, while that of brandy and water has Tometimes however even in done service. active inflammation certain stimulants are useful: Thus dovers powder is useful in acute Rheumatism they art perhaps by increasing the action of the absorbents and gives a more healthy excitement to the system. Dr. Young has baid it down as a general This is certainly a very good rule in general, but must not be adhered to in every instances, we find exceptions to it, (which is admitted by Dryoung himself) as Saundice when biliary concretions are passing the biliary ducts. - Doullen also supposes opium to be useful when the process of suppuration is going on. In Pneumonica the practice is to reduce the inflammation by partial, and general evacuations, - bleeding, blistering, Eupping, and cool regimen; here opium is evidently improper, but: even I'm this inflammation some authors advise the exhibition of it, as Hexham, and D'Hamilton &c. they all say that it should be employed carefully however,

many thought the way were placed to make Surface of the Charles of Land State of the Charles and the state of the state of the state of 38,)

and not before the use of the Lancet, Hexham says that we must use the lancet literally, and De Haen tells us not to give opium untill large evacuations; I believe it well do no mischief, unless it increases very bargely the sweating. -The latter stage Of Pneumonia opinion is useful with oily mixtures, Dr Eullen says in the advanced state of the disease when the difficulty of breathing has abouted and the urgent Lystem is a lough, this proving the chief Cause of the continuance of pain and want of sleeps, operates are useful. They often appear to interupt expectoration but this however is only for a short line, and they seem frequently to promote it, as they cause a Hagnation of what was before insensibly difsepaled by frequent Coughing. In the Pneumonia nother allaching old men, opium is dangerous; but the proper plan of heatment is by bleeding, blistering, and Copping; These patients bear bleeding extremely well, one man of 75 Jears of age Ibled 14 or 16 lines with the happiest effects. Cut archart affections are generally attended with a Phlogistic diathisis, and therefore opeum is improper, but when this is removed opium with the antimonials is very useful. The Cough succeeding it is nept up by initation entirely and therefore opium may be used alone, but more commonly the following preparation is preferable.

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Mustura Muselaginosa or brown Mixture R. Tincture Opic Camphorata ____ 31. Vinum antimonicition gts 130 del 180. Extract Chycimbiza it, gum and. ad Ji augua Gewent - 37/11. m of this the close is table spoon full. This after closes good where open alone would be injunous. The above mentioned proportions should not be uniformly authored to, but should be varied as The occasion may require . In We should next increase or diminish the quantity of antimoned wine, in many cases, and after prepare with two or four grains Apprecionanta particularly in Preumonic inflammation, but when the bowels are costive the antimoned wine is preferable. In the Influ = enza Di Joung thinks that opium is improper, he says Mout it relieves the lough apparently at first, but that finally its effects were prejudicial; he preferred the syrup of Poppies. I have often prescribed the muellaginous mixture in Influenza with great a distritage. The opin in this mixture often does good, Juhan it would be prejudicial if given alone. The following is a familia, which I have found better than that of the Thops, for preparing The Paregorie Elexer, Tincture oper Campshorata R Hard purified opium Flower of Benzoin aci 31 Eamfohor. proof Spirits of wine pts . 11. m

a commence of the general lyings were morned and a record Charles and the state of the st

I have sometimes omitted the flowers of Benzoin but found it improper, for these resider it more agreable and more efficieious. In the Parigonic Elexin of the Shops; There are DII of the Camphor and some oil of annifseed, but the above is certainly preferable In asthma serile or that affecting old men opnim is injurious, producing a lightness and unesines at the breast, This is however prevented by combining it with antimoneal wine, even in the Catatribal affections of old men and women, opum is celone injurious. In Mephritis vera opium. alone very advantageously employed, notwithstanding it is an inflammatory complaint; patients who are affected with it can take large quantities of opium DiMusiro had a patient with the stone, who took Yorty grains of it every night; two Calcule of ZNY each were taken from him, after which ten grains of opium affected him much more than forty grains did before. Theumatism is of two kinds, the acute Theusin atism when we should employ the lancet, blisters &c. ... This however is carried sometimes so for as to produce extreme debitity, and to bring on the second or Chronic Rheumatism; when this resumes The intermittent type it must be healed with the bank? and after the violence of the pain has abated by bleeding, we must throw the patient into and Universal sweat and continue this for twelve, twenty four, or even Thurty sex hours. This however is not to be attempted untill the Influence -

inflammatory symptoms have abuted, because of opium being a stimutant would increase the stimulant . -This is a preparation of opium made by combining it with Spheacuanha and some neutral salt called dosers prowders which extremely useful in a Diciphoritie operating chiefly by the opium and Sphicasuanha. ... Dovers powders or Palvis Sphicae Compositus R. Spheamanha Hard openson _ aa 31 Vituolaled Tarlac 31 Mix these well together, len grains of this powder contain one of opicen, one of Sppudewanha, and eight of viluolated Tartar. The dose is go X vel X's every two, three, or yours, untill the swedling commences. Dibuttens directions respecting the method of using this powder are too useful to be passed by unoticed; they are as follows. ... "The powder is to be given in the morning when the ordinary sleep or the time of it is over Sleeping is not incompatible with, but is commonly unfavourable to sweating in for security against cold, the patient is to be laid in glasmel, That is in a glannel shirt, and in Blankets, the Bed linen being entirely removed _ The powder will be taken most properly by being made into a bolus, with a little syrup, and swallowed in of wafer, theit taste of it may not occasion any squamishness.

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The covering on the body may be only what the person has been used to steep in, but commonly it will be convenient to make some retracted delibetion over the whole body, and always some considerable addition upon the feet and legs. ... As the powder is ready to be thrown up by vomiling no durits should be taken into the stomach untill the sweat breaks out. I never allowed a potent to take it untill the expiration of July or Jefly minutes after the powder has been taken, unless the sweat has already broken out, but I never wait longer than the above mentioned period to allow the patient dunk whether he sweats or not. The Edenburgh proffessor continues, When the sweat begins to break out, the patient may then frequently theke but at first in small portions, some warm liquids (such as Thin gruel; weak suge, or boked ted; and of such drinks he should take frequently, during the course of the sweating. When the sweat has butten out; if it does not extend freely to the legs and feet, some additional covering should be baid over those parts, or boiled bucks, or bottles filled for it is always proper to render the the fresh, They should be cautioned not to be in a hung in This is unen passing it through the serve or strainer, otherwise Jargon The Curch would be broken down and pass along with the liquid, and thus the intention of the Physician would be defeated (D'Cullen proceeds

* And Bullen Page 148 Part a

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In the morning after this sweating, the person may come out of bed, and put on his linen, and other parts of his ordericing drefs, but should keep his chamber, or at least within doors, for the whole day after; and even for a day or two after that, fre should be very careful to avoid being in the cold; by this administration he concludes I have Jound the Dovers powder a highly useful remeely. In the exhibition of Dovers powder I omit The vitro letted Farten and substitute locef sugar and Gum arabic: I generally make Mitre also one of the ingredients, and I vary the formula in different ways; - some I hysicians Condemn the use of opinion in Rheumalism, In Sydenham did not use it before the fifthday, he appears to be too much under the influence of critical day, Blackmore employed it from the second day Authors observe that this powder of Dovers increases the frain of deute Rheumatism untill the sweat . somes on, opium is really a very nice and dangerous me dicine in ocute Rheumatism where it does not sweat, and I believe it will hold well as a general rule that in all inflammatory disercises unattended with intermessions it is improper unless it produces sweating.

She nousestic effect of opium in a very great degree, small doses of it have fremouried remarkable effects upon the new joins nerves, and it is this

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unitating that enables it to diminish the powers of. opium Dactor Hamilton Journal opium useful with mercury in Syphilicie Rheumalism. In Inflammatory gout in the extremities, opium is improper; it is a very desireable object to confine it to the feet, and I think this might be done by me cens of flannel, and keeping the Geet warm; DiBrowns edeces of Gout were very improper; whenever he drove it from its extremeties it appeared in some of his vital organs; his experience amounted to very tittle in this disease, and his doctrine is very permitions, He died of a fet of gout in the shape of appoplery induced by a large dose of opium taken to sure an attack of the disease, with a quantity of Brandy Gout it is true often arrises from depletion for it has been brought on by punging bleeding, and other evacuents, but in its commence = ment it is always of the Inflammatory kind In gout of the Stomach the symptoms are Jeckness, noused, vomitting, and flatilency, the patient sometimes complains of extreme coldness in the stomach, and sometimes as if a load of we was there, here opium must be given very frequently and very liberally; at least 400 drops in Eight hours of Saudanum alone I have given in it, but I now think that alone opium is not so effectual as when combined with some other Stimuli; Sixty, or a hundred drops of Landanum

confirme is so so no seem of some while the cold in application of the field property is some the field of the same and the same of the same o the appropriate the same of the section of the section of be delice to the fact in my selected at a property The same of the contract of the same of th the state of the same of the state of the state of the same of the same Same Local Species much be ficienced by highery

with a certain proportion of Genger are more effect = = wat than many Turnelred drops alone, Brandy and other spirits may also be given with it but with respect to them I must say to you! " Eavele" Ginger however is very sufe and effectual, it I may be taken boiled in milk, and two, or three drachms thus boiled to be taken in the leventy four hours; I have taken 31 in nine hours; I prefer it however infused in warm water, and in this manner, with small doses of opium, Thewe taken 31 gs in eight or nine hours. unimaln Herricania opium is often a very excellent remedy, especially when combined with the bark this is a disease of the gouly kind The sick head out is I Mink a form of gout, this frequently goes off spontaneously with a Deouhoo, vomiting; flushing of the soles of the feet and Coldness, this come - plaint is very often cured by Tauchanum in a strong Cup of Coffee, I have had much experience with this practice and Incommend it very highly, The disecise is common with deticate Jemales. Opium cannot be given very freely with any propriety in meastes, and I think much mischief has been done by a low liberal use of it in this disease, Doctor Sydenham gave at more of it than we give in common cases, and a suppose the instances which came under his notice were less inflamm citory than those we meet with in this country,

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, opedes are however necessary even with us, and I think the brown mix ture an excellent form ._ In hourseness succeeding mecustes opicites are also very proper and the brown mixture answers well too . In measles of think Dr Sydenham was too fond of Employing opium, but I think that it is busely possible to manage without it (puid page 5). Our medicine has been very advantageously employed in some cases of opthalmic D'Ware England has used it by distitling into the eye Three or your drops of Sandanum in the course of liventy four: In the painful chronic Opthalmice to which of Schoophulous habits are subject it is very useful in an Eye wash. Let is useful sometimes in dropsy, in some cases of this disease it has done good by its diaphontin powder, and also a a directio but of this I shall speak hearafter; I have used Dovers powder with advantage, in some slight cases of Anasarsa succeeding intermittents and Remittent Jevers ... I should think it would be useful in dropsy, which is the effect of cold. In some cases of Diabetes I should Munk it an important remedy; the hot and dry skin allending some stages of this disease adls for Lovers powder, such cases I think cannot be rare In active hemourhages presended and accompanied by fever, an active pulse &c. it is improper; but sometimes even in active hamonhade

De Harrison Land Carles Considerant where were to The second of the latest with the second of the second

hamorrhage opium is an exceldent remedy; sometimes These are kiept up by mere initation, whilher mental or corpored, which is relieved by opium, but it is frequently useful when this instation is not present. In Alterine hemorrhages it is very useful with allum at the properties, and in some of the same kind with Ippreceruantor in the proportion of from 14 to 12 gr. of openin to 1 or 1/2 of Spreasuantie every two or three hours, I have found it most useful when it excited a diapohorisis, at night I frequently give Typicucuanha itself in Dovers powder, in hemorrhages threatning abortion opium is an extremely useful remedy, Bleeding is often a very excellent one, and should be previously used, but perhaps opium and Ippucacuanha is the best, if the placenta be relained by a spasm of the uterus openin is excellent. Hamourhoids are often an active hermorrhage and opium in this case proves manifestly injurious by inducing posethera, it likewise incluses costiveness and hardred faces; but from analogy which subsists between some cases of kannanann hemorrhoids and dysentary, I should think that Dovers powder would be very useful in such cases; be expected from them. Externally applied opium has done much good, either in the form of Lauchanum, with to Cataplan of flour, or in

a solid state, Is mixed with 7 84 of a milel

ountment.

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Epislaxis or bleeding from the nose is generally an active hemourhage and therefore oficin does house, but it is sometimes useful, I combine it with the Sugar of lead in the form of hemoushage of Pell 1 Homophysis is mostly lekewise active, and stimulants for the same reason are improper, in my practice I employ the lancet repeatedly, cool air, very low diet, and blisters to the wrists, but opicites are also necessary, I employ the brown mixture and never experienced any inconvenience from it, -Landanum or soled opium is generally a very precours remedy, In some cases in which I have used open, it appeared for a time to stop the Hemorrhage, but it Jinally increased the discharge, The opium appears to retoun it in the lungs but This comes up afterwards with De Callen d'am of opinion that were where is no bough the opium is of tittle importance; and indeed always does ham. In Phthisis Pulmonalis opium must be given in a mild form, I am unable to manage this disease at all without it, and generally employ it in the brown mixture. It has been much used in Dysentary; - Dr. Gullen however from his Theory of this disease thought openin proper in it, note thistanding the ungenery of pain he says it is a precarious remedy, of late I have used it in com = - bination with Sphicacuanha, but not quite like Dovers powder. It shis powder however is an excellent semedy both chronic and active dysentary, In injections

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Branchy, water melons &c. &c. municipally exhibit opinim in combination calcaring Julep, a with the Kino gulls, or some other adstringent. In Of the use of a copium in small por I have but little to say, but in the Dianshood it is nesefoury though this is a favourable symptom, in the confluent Small part it is useful, I employ it however Cautiously because it increases the employ and fitting. It: The proper place for this paragraph is page directly after Measle:

In cholera it is an extremely useful Remedy; In this disease and with opium in his hand the Physician may laugh at those who afsert the art of medicine to be useless un writers however tell as that it is first necessary to wash out the stomach a distributent drinks, This may generally or at most often be useful; but in some cases of cholera we have no time for doing this un In many Cases of Macture is not to be trusted un it is necessary to give open in this disease with a liberal hand. In incipient and violent cases we should give six or eight grains in the liverity Hur hours, or even in half that time, but if we use sinapismed small quantity of opium will be sufficient. Writers differ in their opinion of its use in Jetanus, and I can say nothing of it from experiences Bowges says that it is an invaluable remedy an anonymous writer on the diseases of the

Service in sumplement and services and services the I have an way launt, and there with referred the and gradules to decidents of your condition have my the as the liver, gill of we was designed in front or and to or pain sill in affect to amorphism in the C. placerges , days that st es am iso amakes the

West Indies informs us that he gave 20 3 of opium in the twenty four hours without any effect . This is the largest dose I ever knew. But it mether mstigated the spasms, or induced sleep, the patient was at length however cured by the continued use of opuin. De Browner Gloniester gave a black man 1500 grains in seventeen days; atternately the patient recovered. In The value of these were are great since it shows us to what an extent we go in Tetanuswith the use of opium. In Drinosely however seeins to place little reliance upon the use of opius here, and I pay much regard to his opinion, because he fasil in the West Indies where it is so frequent. I It appears that Those Phisicians have succeeded best who gave it in largest closes: - I think therefore there must be some foundation for the employment of openin in Telanus, and that more particularly since Bark and wine are so proper in this dreadful disease at any rate the highly slimutating plan of treatment appears to be less adapted to this disease than that by the milder stimuli - I have given others to the greatest extent but the patient died, and I have cured another with a small portion of mercury, opium externally is also said to be good? in tetamis: D'Tind and some other Physicians approve the use of it with cumpohor to the soles of the feet. I Hydropoholica is in some respects allied to Telanus few cures have been effected though some are found to be recorded. In order to form a correct edece of the medicines which are proper here, it may

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be proper to enquire ento the nature, though this more prop-= erly belongs to the professor of the practice of medicines at its commencement it is a violent Thenie disease, Its causes are highly stimulating as the bite of a rabid animal, of a rattle snake; or some of the vegetable animal, if this be a sterence disease. -Dr Boerhowe's opinion of it was correct, he thought it should be treated as the highest possible grade of inflam = = mation, by drawing blood from a large orifice in a large vein till the patient faints. Billi was a pupil of Boerhaves, and not only bled in this manner, but afterwards plunged his patient in cold water, he likewise gove opium and thought it contributed to take off the convelsive affection of the vefsels and that it enabled the patient to drink diluting dunks Nugent says that he found opium serviceable but that he also gave much . Lower thinks ets use is evident, Frank gave it in very large doses but without effect. If the was disease has ever yielded to this remedy it must have been in very large doses of XXX or XV grains of diem, The cases which Lainer cured must have been spontaneous, or systems of Lysteria. Dr. Rush and others mention Hydrofoholia Das at kind of Hysteria: I cured a case of this kind by small bleedings and small doses of afsafoetida, and it is very probable that Lanes cases was of this kind. The only article Tever saw useful in genuine Hydrophobice was Tobacco in large doses, This enabled the patient to drink water.

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Mr. Pinelli tells is that Haller caused a man with Hydropsholia to be bitten by two vipers which moderated the symptoms. In Choica Sacte vite opium has been found usefull, D. Sydenham says he has succeeded: Di brump Says that in one violent case, large doses of opium moderated the disease but it again returned and the patient fell a valin to it. ... Dollen gave opium and betters Jones are proper in this disease, but I cured one ease of it in a pregnant woman by blistering. In Authors differ in opinion respecting The use of opium in Epilepsy. This disease often depends upon very opposite causes: It has been said to be pro = dured by large hemonhages but these are very rarely the case of it: If Epilepsy depended upon mere debitibly it would be a more common disease; as in the low Stage of Tapphus, in extreme old age Sc. DiBrown says it is never a connected with a potethorie State of the system, but is always the conse -- quence of debitity; but he is certainly monstrously mistaken, I think that a plethorie State of the system produces it_ At is often. It is often caused by a lungisence of the refrels of the brain D' Cullen found it useful in those cases depending on an aura epiliptica; even when the symptoms have appeared. This is called aura because the first impression made in many cases is like cold air applied to the part: The patient says he feels something like a drops of water, havetling from the ends of his Jingers untill it has reached his shoulder, it often originales

moderated the symptoms, and In stone sold will by observe go come whether in the we speaked in the land contill the Fores not chart you shoulders at you companies

in a pain like the sting of an insect: The patient feels on the top of the foot, or hand a circumscribed coldness of about the size of a dime, this travels rapidly to the head, ABlack man in the Hospital when the oura reached his head perceived a peculiar smell, something like Bullocks blood, In this chance case I diverted the course of the and by Isues to his neck, but it seered another part of his body. I think that the aura Epelipsa is the same with the aura. In many cases a tourniquet will prevent the coldness from reaching the head; opium is a very powerfull article to prevent The return of this Many Cases of Epelepsy comes on only during sleep; These are sometimes cured by giving opium before going to bed: The reason of the fits coming) on at night appears to be the horizontal position de -- termining the blood to the head, and thereby producing a lungence in the vefsels of that part, add to this as another cause the increased warmth produced by the presence of the bed Cloaths: The patient therefore should endeavour to sleep in as erest a posture as possible, as by sleeping setting up, or by having the head of his Bectstedd eleverted, he should also preserve himself as cool as possible In the common affection of Hysteria opicion is much recommended, this disease whe Epilepsy often depends whom a plethoua state of the system, and therefore in such cases where there are unusual feelings; and wegular motions depending on the mobility of the nervous power opium is improper chains lases of Chaleford comme on wary. weether course the more water as assured produced region we be much out burney by a cope deeper harden by in the mobilety of the severes france of week as emprey as

Di Cutten however says that the frequent use of opium increases this morbide mobility. In those cases of Markothy Hysteria which depend upon the passions of the mind of um is useful and that in large doses, we give it here via oris et ani. Palpitation of the heart is frequently owing to an organic construction of that organ, but it often darises from a Trasmodic affection of the heart and in such cases opium is advantageous. Sometimes palpetations occur at stated periods, and then, opium (when not owing to the maleonstruction of the heart) may be proper. In asthma opeum is sometimes injunious, as when it depends on a tungenence of the vefsels of the lungs. This form is best relieved by v.s. purging and blistering but in asthma of a spasmodia and Calanhal nature it is an useful remedy in both species however of have frequently employed opening with the effect of moderating the disease; but I never and it by this medicine, I believe that asthma is glen and authilie affection, as I have observed in my practice, I know a Lady of a gouty family, who had violent attacks of as thma and nothing relieves her from them but the pain settling in her feet; I believe that more than half the cases of pulpitation which are met with are of a gouty nature. I have observed that Persussis is generally attended with Jever and difficulty of breathing

The William However surprished the Judgment of the marks of interest wife in a trule as the true that of the theat havay to prefer and the persons excessed to desirable and ready are when it comes in mill with a company a party a sense. 55.

and generally bleeding is successful, Here back cannot be exhibited, but I give the brown som mixture in the intervals between the vomiting induced by the white vitral. um Of the use of opium in Tyrosis or water Brash I can say but little, Tinnocus says that this disease is common in Tweeden and is brought on by the use of smouthed meats and that it is relieved by fresh meats. ... It is common in Scotland, and in the western parts of our Country. It continues nearly the whole of a persons life. Cullen says it is a painful desorder and is relieved by opinin; But this gives only a temporary relief, I think that Pyrosis is a form of Dyspepsice -Youce used opin in it, and found it to be a paliative, but the disease was uned only by oil of amber, und have given Sino with Ruleigo with great advantage, but the dis advantage I chiefly attribute to the former. I think that it will generally only be cured by the common remedies ofor dyspepria. Of the diseases of colic there are many varieties, when the pulse indicates an inflammatory, or Jebrile State of the intestines, especially if the patient has been active, opium is improper, at least untill after bleeding, and emplying the bowels by a purge in a fet of vomiting however prevents the effects of a purge . in In the Hysterica and that proceeding from cold, and in Spasmodie colice opum is useful

wed generally bleeding it successful dies in a server the Expedition of the first files the same displaced and Employed a with continued necessary who servered a freeze of dep. Tedles to a significe disorder and is alked it to dearly thent I would see the Joseph of it is 39 years of it dyspetime. The discover of come the one morning newsters, where his public will are and constituted in legal of the wife time. Executing of the palacel how this ection main with the process yearly a land on his house 56.

is often a superabundance of Bile disharged from and opum is very useful after this has taken place.

It has been strongly recommended in colicio fuitonume which is sometimes though not always the effect of Sead, and has been demoninated nervivus colicia, it may be employed both externally and internally. Husham, De Hasn, and Stote says that opin alone has often proved purgative in colicia Putonum. He used it with much suff success, it should be however combined with purgatives; it should be however combined with purgatives; It may be employed in very large doses: Itale gave thirteen french growins without producing steep, and a French Physician has gave 90 without sleep ensuing.

Seen given after large bleeding, bleeding is in my ofinion the most proper practice; The use of opinion here is approved by Richler, and Van Swieten he says that some cases of success made him very fond it as a specific in similar cases, but for better information on the subject I refer you to the Jurgical chair.

In Manie of joinn has been employed, and sometimes with scesning effects; as also in Melancholy. Di Young join it in Mania and recommended the cold bath; in eight days the patient secovered and was cured in, but he knew not to what to assibe the recovery.

and princeling content was in the whole character there is other in subscribing a water of the in tradicing at from and and interestly they live , Look on and The days that opinion above these of the provide from puting The colore Performer . To exist it with much sup surveyed the should be nowwere acombined with doses: Tealer gave Thertein Thenthe greens colline save de sextrang and amount Touch it as a specific in semidences is but her to the information in this original charles you to The in one or seille tumber appear tourgenes oping et le brothe de . . It is is and the the men in me

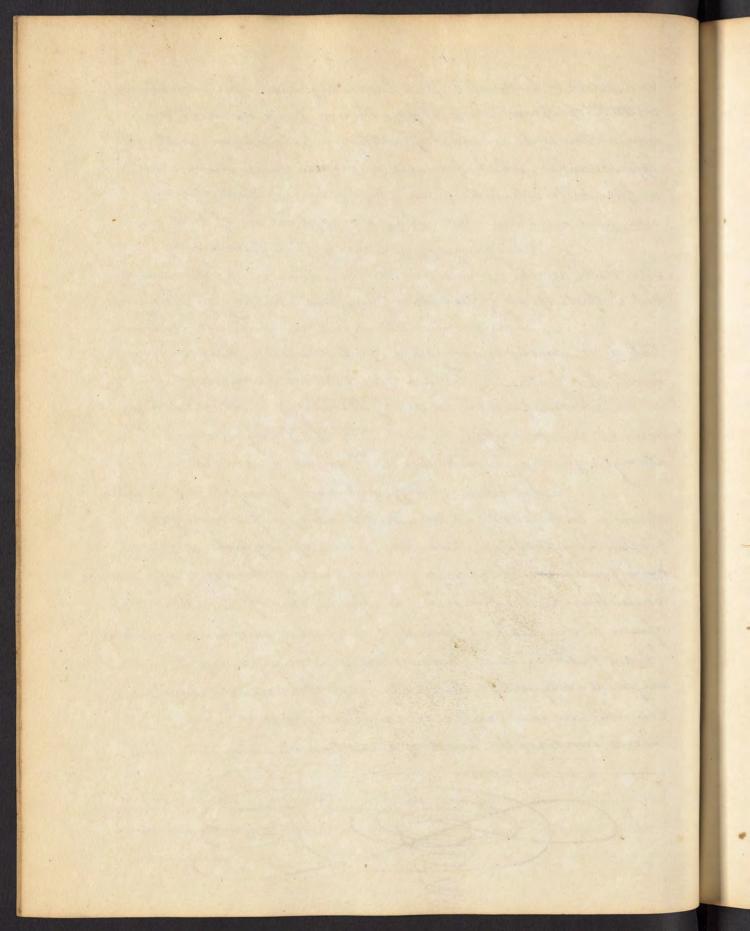
57. In Gullen employed it, and found it in some instances to moderate the the violence of the disease, and at other times to increase it he says that some cases depend upon an organic affection of the beaun and that in these it is hurtful, but in recent cases he says that it may very often be advantageous The system requires large doses but he says that often unities it operates more easily. There are many cases of Mania in which 10 go. of Tartar emetic is a medium dose; It is soul that opium makes it operate more easily. I have employed opium in mania in the P. Hospital but without success) any effect, although I have given it in very large doses, but I never, except in a few cases, knew it to do any material haim. where may be many cases of mania proceeding from distrefs &c: when opium is a sovereign remedy, in such cases it may be properly called a Remedium divinum, I think it would be of advantage when the pulse is feeble and slow, and that it should be avoided when the patient is outedgeous, upon the whole I am of opinion that ofwen is a very precarious medicine in mania, especially in the hands of our practitioners In the manua of purperal women and in that produced by ardent Spirits, open is a very useful remedy; I have employed it in my own practice and have known men restored to their families after being affected with mania from the use of Hung dunk, It is however a difficult practice in we should gradually diminish the quantity of ardent spirits, and afterwards as gradually diminish the quantity of Saudanum

proceedings of the first facility of the contract of the street street street of The state of the s A STATE OF THE STA The state of the state of

which is employed which while I diminish this last I add some of the Tinetura Capsici as I think a stimulant is very necessary. The use of Opinim in Typhillis is quite a modern practice, and its discovery was quite accidental, a young man who was afflicted with a disease of this kind, and was deemed incureable resorted to opium, and it is said was swed by it, it is however buildeside as a medicine upon which to place our madricion on principle reliance but it is often given with Mercury particularly with Calomet and Conosive Sublimate, when the patient has before taken Mercury, and it appeared to be looping its power but has frequently been cured by the plentiful use of openin. Opium is used externally with Mercurial intment in venereal cases, when the powers of the system are much sunk . It is often employed in injections of Gonowhar but I do not like the practice much; though it is very good in some cases, in Charlie we must have recourse to it. a I have long since recommended opium produced by Mercury, we may use a gargle of Landanum and water in the proportion of Zi of Sandanum to a funt of water, and the half, and sometimes The whole of this to be used in twenty your hours Tomelines however an aqueous solution of openin is better, being less healting to the stomach of the patient. The internal use of opinion is lekewise very useful in checking the salwary discharge, I give three or four grains of it in one night,

The same of the sa the state of the s The state of the second THE RESIDENCE OF THE PARTY OF T The same that th

und this is to be repeated for several nights ... But sometimes instead of opin alone, I give three, or four grains of it is combination with an equal quantity in combination with of Ipprecievanta, which produces a profess perspiration; this is often preferable to the former, both of these methods are my own, and are much better than the application of cold In gangreen, especially that described by Mr Pall, which appears in the toes, there is no better remedy but I shall speak of this more July when treating of Hemlock? I have but little experience of its use in Cancer but it is sometimes necessary, and when the pain is very great the patient will have it whither he allowed it or not, In one case, a cancer of the Rectum which I have seen, it did manifest injury. In Downg thought it always injurious, and I think it must generally be so. On cases of different and painful menstruation openin is indespensible either in the shape of Dovers powders, or with Campohov. In some cases of Lynnis Dysuria andifficilly in discharging wine, where there is a spasmodie constriction of the Methica or Sphincter of the Bladder, open is an excellent remedy; it is very much recommended by Mr Pall. Open then is a very powerful and useful remedy when skillfully and Judiciously employed; but with an inattentive, or ignorant practitioner, it is Whe a sword in the hand of a madman. un municion



Hyosceamus Niger Black Henlane This is an outwee and valuable article

and well deserving the attention of Physicians, it sometimes succeeds in producing the usual effects of opinim, when that medicine fails. It is not a Native of North america in though it grows pretty plentifully in the United Hotes, and in Filuations where it might be supposed to be a native; It is a powerful a distringent, and narcostic; a person having swallowed Zij' of the bruised seed, was affected with a violent colic; which was used by an emetic, several Monks having boiled the root, and eaten it in mistake were made Jurious by it; they were however cured. In one of them the eye was considerably inflamed, a Tervant haven eaten of it through mistake was affected with heat at the stomach, intolerable thirst, and violent madness, these symp = - loms were removed by vinegar, the next day he was covered with gangienous macules or spots, fortunally a Dearhosa came on, and he was saved. While I was in Edenburgh and experimenting with the extract of henbane, having left the vefsel often in which it was boiled, I went to sleep, and had very alarming dreams, I was ill for several days, and with difficulty recovered, from what I have said it will appear to you, that it is nearly allied to opinion,

" heliamin Bluck Historian THE SHOWING THE

but it differs from that substance in this particular, that ofwin generally produces costivenes, while Henbane commonly Junges: this however is not a constant effect of the latter? It somalimes prover dieusetie, it is a powerful Flimilant, and always renders the vefsels of the brain turged, and causes black macula, or spots in the Stomach. In The Storcke gave it in does of from 1 gr: bis luve die to grains & or 10, and in one case to grs XX in the day. In Epilepsy Manice &c I have prescribed it as an anodyne, It agrees with some persons with whom opin does not . In minroe gave growns b of the extenset to a young Lady in Consumption, It procured her rest and ease which opium always failed of doing ... Dr Parke and I allended a Toung Gentleman who was afflicted enamice of a violent kind; we prescribed opuin several times but it always increased the violence of the symptoms, we then gave henbane in doses of two or Three grains, and it produced a comfortable and placed sleep ... The patient asked for it during his lucid interval, and finally died from the effect of drink. Stocks opinion of henbane are not conformable to those of the generallely of Physicians. Mr Grading employed it in several cases of mania, and Metancholia, beginning with one grain as a dose (which is the proper one to begin with and afterwards increasing to large ones, but he did not effect one complete cure, atthough some of the symptoms were abated. It sometimes salivates. ... Dranthony Fothergill has published a paper respecting

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respecting its use in mulan cholia, and found it of service, he employed large doses, and sured one ease. Stock used it Hamphysis. Bergins employed it to advantage in manice, and padpitation of the heart in In peurperal Mania De Forhergill used it to advantage, in this species of mania Hemlock and Henbane do much good, and much more than openin. - Cullen says that in Epilepsy it has in his hands sometimes been of service; In other instances he says it has produced a turpid steep, and he has laid it aside from having been so frequently disappointed, notwithstanding its laxitive effects he Thinks that it is more apt in full doses to produce deferium than opium, but of this I doubt its correctness and am of opinion that it generally induces a pleasant sleep where opin fails In case of mania from an intermettent in montpelier the extract of henbane effected a cure In Chin Cough we are also told that it is useful, but I think it is too hazardous to give it to children Houghland strongly recom-I mends it in combination with the antimonials in

The used it in barge doses.

In Chordu after bleeding opium is proper, therefore I think that Henbane would be usefull Mrtsell gave it in this affection.

Thenbane may be administered in large doses provided we gradually increase the quantity, we are able gradually to increase the quantity and almost all other narcostics to a much greater degree than opium; In one case of mania the dose was increased to Ito grains per day, but this

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not being well borne it was reduced to 30 grains. The extract suffers from keeping, but when it is properly prepared it will keep for several years without injury. This plant appears in New England, Virginia, and the State of New York.

Datura Ftramonum Thorn This plant is a notive of this country, it is also called James town weed, and sometimes Hinking weed, and on Staten Island it is denominated Henbane, It grows very plentiful in the vicinity of this City, it is an annual plant, the smell is poisonous, and very disagreeable in Sinnaeus says that cattle avoid it but Goats and Theep eat the vesicles with the seeds and Cows the leaves after they are affected with the post, it is probable however that they do not eat it so much for food as for condiment, as we take mustand, pepper &c. It always makes them drunk MrBeverly in his history (of) Virginia, a work published a long time since, says this being an annual plant was gathered young and boiled by some Soldiers in James town, who ate it. -It produced a comical effect, they blew Jeathers, jumped about and one put himself in the posture of a monkey, and modele way faces at the rest; with a number of similar tricks, they were confined for fear of injury, but none of them attempted to do any injury or mischief Those effects lasted for eleven days, when they recovered without the did of any medicine. This shows the power of the Constitution in getting nice of the poison of vegetables.

duna Hammuning.

The extract and other preparations of Thamonum are said by some authors to be a seclative, but it certainly is not: The Turks sometimes used the seeds instead of wine, when opium is dear, Mr Wadenburgh says it is an universal stimulant, increasing the tension and frequency of the pulse, and increasing the persperation and unive; sometimes producing hemourhages when the doses are large. ... D. Jamuel Cooper hors published a difsertation upon it, in which he has proved it to be a stimulant, and has induced Telanis, and (Hydrophobia, this last effect of it is mentioned by two, or three Physicians: The Stramonium pro-= duced Telanus upon some English Toldiers in Elizabeth town, and Hy drophobica upon Sir John Thelow. D'Sobenstien mentions two Children whom it affected with Hydropohobia. These diseases have been produced by many other articles, and particularly Camphor. Ishall now say something of its use in diseases, this is one of those active medicines with which we have become better acquainted since the time of Baron Storcks, he recommended it in Manici, Opilepsy &c. he employed the extract and The has had some success, he used the expressed Juce, made into an extract by heat: Eullen Says that Storck is less exclent in its favour than The was with the other medicines of the same kind, which he recommended. I Mr. Grading used it in Opilepsy, and in Opilepsy combined with mance without much success, and except in one case he

never made a une. In bullen therefore does not think it adapted to these two diseases, he says however that there may be some cases to which it is suited but he has not, and he doubts whither others have been able to distinguish which those cases are , he has nevertheless done much good in these diseases in the hands of some of the British and other Ouropean praetitioners -Howland approves mor very much of it, he says that he found it superious to all the other narcosties not excepting opining and that it wed all obstincte affections of the mind. Berguis too speaks of it in high terms; he seen it were manices and courses of mania from puer perdl Jever, he thinks it efficie wie also in that proceeding from dunk, and in weak determin, he gave from one to five grains of the extract bisdie, and says that when the pupil of the eye is dilated the dose should be increased, Mr Wadenburgh mentions some cases of convulsive Epitepsy which were cured by Thamonum ... Dr Tind says it is effectual in Epilepsy. It has been exhibited in this country by Doctor Archer, he says I have exhibited the Stramonium in some instances with great advantage, and in others with none; In general a cure was affected where there were short intervals between the fits with regular resums, but when they are irregular, we cannot say much for it " when the returns were not regular, and the intervals very short, so that the patient had not much time to take a sufficient quantity of the medicine he gave two growns of the powderd seeds during the interval; he also confined his patient to a low diet, he says that those who have inegular returns of the fits with long intervals beliveen them must

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must take it constantly, and though it may not effect a cure yet it will aboute the violence of the disease. I'm anher. directs that we should gather for use as being the most pow = = exful those seeds which are blackish; Dr Potter however the brown ones as the most powerful, and I consider with him in opinion. I have haid much experience with the extract of Stramonium, and have often found it usefull Maria Epilepsy, and Eliptic mania, I do not afsert that it is always useful, but I say that it has effected a mure in some cases when other remedies have failed. I Mink that it may generally if not always be used without injury, D. Cooper mentions a Young man who was afflicted with Epilepsy in whom he used Stramonium with great advantage, the person was afterwards my patient, and I did not think it was a case that was adapted to Stramonum, the pupils of his eyes were much detated I afterwards however gave it to him to advantage; on the 5th July he took gr I of the extrusted besides on the mith, 19th I ondered U.S Zij and go I of the medicine in the morning, and the same in The afternoon increasing gradually on the 3rd Sept, he was discharged caredie In another patient labouring under Faturity from Epilepsy it increased the delatition of the pupil, which I think an indication of an Inflam. - matory state of the brain, in another case it diminished The violence of the fits as also their frequency, In a Black woman who had laboured for a long time under The disease, and in whom it was preceded by an aura Ejuliptica, by which the fets were sometimes prevented by a ligature, it effected a complete cure

In some cases of Epilepsy bleeding purging &c are very necessary and the same observations which were applied to opuine are also under such circumstances, applicable to Stramonium where there is a pleshour State of Tystem, like open it must be improper in my opinion. In mania also I have Juguently used the extract of Thamonium in the P. Hospital In the case of Mary Hill a patient in the house d'employed it with the happiest effects. an the 23rd July 1800. I prescribed go 1/ every night, on the 30 th July 1 grown every night and increase gradually one grain every night On the 20th august she look ght XV every night. On the If the October 30 grains, and one the 27th 35 Grains . On the 2 nd of November she omitted the medicine and was shortly after describinged cured . In when she had continued the use of the medicine some time a large number of boils broke out upon the surface of ther body, and the mania disappeared; This was a very obstinate case, and she had resisted a great variety of medicine In another patient it produced a a delatation of the puple of the left eye; this was relieved by a blister and the patient was Jin ally discharged uned Another patient, a man of To Years of age? was nearly cured by it. In the Mania succeeding the use of ardent Spirits I have often used the extract of Stramonum with great advantage: and such cases I think it promisses to be an extremely useful remedy.

The seeds are have likewise been employed.

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It has been proposed by our medicine employed in Thydrophobia by a Physician of our City, who says he would be the begin with a dose of gr if, but I know not what would be the consequence. I should not think of given left than four, five or Six grains in 24 hours in the Hydrophobia. I have been exhibited in Spasmodic asthma, and from being sometimes a diwretic it is sometimes of use in disposy. The seeds and extract are very advantageously employed in Syphilitic wheers, accompanied with much initiation, and it has likewise been employed in Schrophulous cancer in combination with assense.

Of His External use

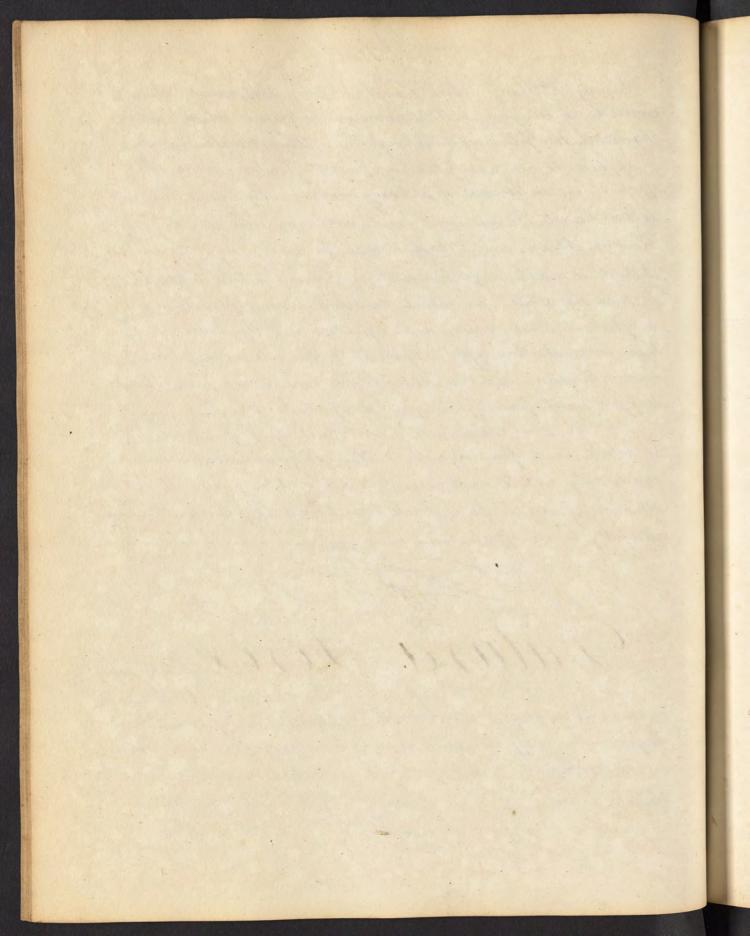
Doelow Chalmer advises the busied leaves boiled in Milk to be applied to the feet in eases of the gout in those parts. I would not however follow this proceed in since all the stimulanting applications are extremely precasious in gout, and although it removed the pain; we might suppose that it had necely translated the clisease to some internal and vital part. In an aintment made by boiling the leaves of the Stramonium in Hogsbard is often used in burns, and is a common semedy in private families, I think however that it has done a great deal of Mischief. It is also employed in affections of Iteh and sometimes to the injury of the patient: I alterded a Goung woom woman who had a violent colic for sometime, this was sucree deal by

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(Heeping) Itching, which though it soon disappeared, she insisted on relieving on the Guarionium ountment which caused her death the following morning . When the Strasnoneus is applied to an excorrated surface it produces violent effects. In The case of a Young woman who had a blister to her breast Hramonuim antment was used as a drefsing, bleeding, Stupor, and deservin were produced, on this account I think it must be prejudicial in burns. Im order to prepare the extract we collect the adiff leaves, put them in a Hannel towel, bruse, and squeeze out the Juce, ful them in a shallow refsel, exposed to the warm air, but not to the sun; and evaporate to the consistence of an extract, this we must put by in well slopped balles . .. The close . I begin with go I of the extract to adults, in a few days to 2, 3, or Is growns and increase gradually to X V and even to XXX or LX grains, it is often necessary to full back, and even to pause, attending carefully to its effects.

This is found in Inclusi, and Mr Jones says it is employed by the Natives of that Country to make a poison, its effects are said to be the same with Band, at Julestona procured from Hemp, which contains a great deal of opinin, or something like it. — It produces a transport of mind, and it is said that



any thing may be done to a person who has taken it, Theires give it to persons whom they wish to rob, Certain wives to their Husbands, and other similar uses are mode of it. Tolanum Nuger 2 (might Shade) This growing over the whole of the whole of our Country, has been employed in practice; in closes of from go I to go VI it acts as a cluire lie and sudorifice, and preety powerfully as a calhailie in larger doses it induces naused, and vomitting. It has been used in foul uleers, catarious affections, and in Dropsy, un Has likewise been used, and is common in the United States, although it is not a native; It has not been much employed by our own Phisicians, butil learn it has been exhibited by some very respectable french ones, it has been known to scilivate. All of a Beach night shade This is a personial plant, a Mative of Europe growing in Swetzerlande and Staly, but it is not found in america; Think it is one of the most powerful of the Marcosties and more of a stimulant than opin whe Berries, leaves, and roots are the most powerful in the Fruit look like Cheries and produce inebriety, deleruim, Thurst, grashing of the leeth, inclination to womet; the pupils become dilated, and the Jaws locked by spusm -It diminishes the sensibility of the Stomach so much, that

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Jourteen grains Santar emetic, would not make a Child vomit who had taken some of the beries by mistake . In We should in such cases therefore give about 20 growns of white vittel, in order to remove its effects; In adults not accustomed to it the root produces a dryness of the fauces and nose, a difficulty of degulatition, and impaired articulation, a full and quick putse, with congestion of blood in the brown, Those who are accustomed to the use of it have not all the Tymptoms, now such deadly ones . In Infants taking proportionable (Roses, had only red faces, but larger doses produced uncom = : mon logisacity, and sleep with perspiration: and when They awake they were free from the symptoms in an adult who drunk wine strongly impregnated with it was differted with universal gangrene, and death The external application of the dilited extract produced a dititation of the pupil; from this effect it hices been employed when extracting the Cataract: It dilates the pupil it is said, and brings the Crystalline lenso into view. a few desofts of the Catery infusion are employed for this purposes Grading employed Belladonna in some cases of Epilepsy, but performed no cures: Indeed he probably did some Injury to his patients, especially when There was a lungence of the vefsels of the brain, he tells us however that he did some good with it . . The gave the powdered leaves in closes from 2 to A grains up to 10 grains . Br. Bouchett employed it in Hooping lough and he says it often cured the disease in a few, days, especially if he began early . In The says Handisonse, That when the disease was not recease, it was necessary to continue the use of the medicine for twelve days;

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Grading in giving it to Epilepsy) Epileptic . patients observed its dimetic effects, and Fooden, Jurgeon general to the frusian army advises it in the dropsy occasioming of lu Quartan agues. ... Alt has been recommended in cancerious affections, and said to be successful Junker used it externally to a cancer in the breast, and effected a line. I bullen says that he and a Cancer of the lip, by means of this medicine. it also in his hands disculsed a turnor in the heart: He also exhibited it for a cancer on the eye lock and it was of service while ha it was continued but whom omitting it the tumor increased . He says the infusion of the Belladonna is apt to induce a dryness of the fairest Pharynx. I have never used The article, but think it worthy of attention. Natuana Jovacco This plant is familiarly know to us all . In this Iplace I shall notice only some of the properties of Tobacco It appears to be peculiar to The Mew World, and was found only in a state of cultivation; It was much regarded, and indeed considered as a sacred Island: Thanking The Mulives dryed, and smouked it; and used it in Sacrifises Thinking it grateful to the Gods,

and used it in Sacrifises Thinking it gradeful to the Gods the Gist that was seen in England was taken there by Mr. Lane in the Year 1580 and Sir Walter Raleigh brought it into such general use that the Ladies of the Court smooked it; a certain Author remarks that it is uncertain whither Queen Elizabeth used it, but that she certainly countenanced it An anecdote is related

The same the colouring of the Children and white to some was the white his their deputhy of new arm. actions solum west and it mis Sariefred allering by the property to the Har God. Best servested it is necessary the ter comments, that we A described whether There I happing winded that that that

related of the Queen, and Fir Watter in which the latter is said of have made a bet with the former that he would collect the smoke and askes of a certain quantity of Tobacco which should weigh as much as before it was smoothed, and upon his winning the stake, the Queen is said to have Jocosely observed, that she knewmany who had turned their money into smoke, but he was the first she had ever seen turn their smoke into money; James the first detested it, he not only refused it himself, but endeavoured to discoverige it among his servants, but I suspect that his pretended aversion to it proceeded in a great measure from his Jealousy of, and hatred lowards Fir Walter Raleigh He carried his aversion to our article so far, as to say that it was the lively Image, and the pattern of Fell, and that it resembled the follies of the world If I had the Devil to dine with me, "said he, I should give his Salanie Majesty a pipe of Tobacco, to promote digestion. In This same Prince had an insurmountable aversion to a drawn sword. produced no doubt from his unfortunate Mother, Mary Queen of Scotts, being during her pregnancy with him, so much alarmed by those employed in the murder of Ford Darnly; but we digrefs. The practice of employing a decoction of Tobacco in tetanus seems to have originaled in New England. ... D. May in an Inaugural Difsertation mentioned a case which was cured by Injecting a devotion of it, from two cases which I saw I am inclined to believe from proper attention they might have been cured by et.

de horace acres acona de congette, es unos de regiones de me proportion of the second second second second second second second affection terms their maring in a major to the frames The first she that early got this was no to mile owner. in us to and asticles in Their as to sup- what it was also disting m m was your Enterded to appoint upon

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From the analogy between this disease and Hydrophobic, I have prescribed it in this disease, and the Injection snowle some impression on it, indeed a very considerable one, for it was the only thing that enabled the potteent to drink water. In incarcerated Hernia either the smoke or infusion injected, sometimes allow the reduction of the Hernia by Taxus. It is necessary from the sower which it exerts upon the system to be nier in the quantity; of this however you will be better informed by the professors of Surgery. It has been employed in cases of suspended Animation from chowning, Hanging, and from exposure to the James of Charcoal: It is now Thowever preety much neglected, and in my opinion it is a very doubtful one.

of this I might with great propriety
one too; the first of those properties I laught some years ago
as belonging to it: It is generally more Sumulating Than
opinin, and its effects are more healing to the system and
more durable, It has by acting in this manner done
much haim in dropsy.

(ord) Umbelliferce S (Consim maculatum - Flembock)

a Native of this country, but is very common in this Country and Country that of New Jersey, some very eminent pohysicians have collected other plants for this both in this Country & Europe

is a wind have more graph to get the same was the same illilli) the first of the same that the same was a supplied to the same that the untilling

an English author says that in Birmingham an extract has been made from the Cow Parsley in mistake for the hemlock. It is distinguished from the other unbelliferous plants. by its large and spotted statk: the dark and shining green of its lower leaves, and the disagreeable odown of its leaves when brused; this smell is very similar to that of a mouse; It is poisonous to some animals, as the Rabbit, the goose &c ... but the goats eat it with impunity; This assumal eats also Tobacco. I have seen a good eat the of Scotch snuff from The experiments of Hatter it appears that dogs resist the action of some poisonous plants to a great degree in This Substance was employed in Greek to kill cuminals, and the imortal Tourdes perished by it. . One Grecian said that he had discovered a method of producing death without pain, and this was by giving a mixture of Hemlock and Juie of the Poppy. - If there is any Crime diserving death, it should be certainly inflicted with as little frain as possible. Cullen calls the Hemlock a sectative. Darwin places it among incitantia. I have no doubt that it deserves a place among the stimulants though it is weaker than opin. Betta donnia &c. It produces anxiety, vomitting, Stupor, delervim, loss of appetite, madres, and a large flow of wine, it has also produced convulsions and blindness. Upon the dissection of such animals as have died from it; it appears to have inflamed There bowels: It has produced a Salivation, and once in my own hands. Boron Stork has published a paper in which he says, that he used it in closes of, from gr 1/ to 31 fer day in Cancer with the effect of curing the

and the good out at with confinanty i office insural exite in There of war and a body in you have now you the regarder June of sprosphile of the is and and amount with Dinerer places it among winterman; is him in dead as have deed from ite; it respected to have inflamed In it to its der and no government good first of mount for disease. If a descrip eured a Cancer in the axilla with it
Berguis and the other Sweedish Physicians say that it is
injurious: In two Cancer they say that it has not in a few in tances hastned the death of the patient. In
Scropshulous cancer however they allow it to be very inseful.
The Adams says it is an important medicine especially
in cases where there are is high initiation, He acknowledges
however that it is an uncertain one: of late it has been
often employed in Scotland in the form of a Barth, the
following is the method of preparing this ... Hemlock Buth

Ch. of the seeds of the Hemlock tos of the leaves your large Handfulls. water in glas VIII. The up the seeds in a bag and boil them in the water in a Copper refsel untill the quantity is reduced to Six Gallons, then Edde a large quantity of Cold water, and immerse the patient for some time. Dr. Hamilton of Edenburgh cured a Cancer of the Scrotum in one month by means of this barth: after the first bathing the pain was very much relieved, and after the second the discharge was considerably diminished, when the cancer is situated in parts to which the Bath cannot be applied, he made use of a syringe as in the Rectum, Vagena, Merus, Bladder &c. In a case of a Cancer of The Rectum formerly mentioned it was an excellent pulliative remedy, but did not ruse: the smallest dose of opium increased all the pains, as did ardent Spirits, hardened faces Je. mm

as const where their was a high with the who will reduced the Chi of the said of the Ferrican The where wants me of mounts is because by you dished The Perliam from the mentioned the win was excellent of openior insured with the pains, as deal assisted

For same kind of Uleers, it is said to be better ' than any other application, particularly Mr Home thinks to Those on the antile Soints when the points are enlarged, he thinks a formentation or poultice by boiling the fresh lower, or dued heel the best form. whis plant has been improperly called alulu, a Shropshulus aleer on the face has been benefitted by exhibiting internally grs 11 Three, or four times a day in the hands of Dr Khune: Dr Withering says that the tendency of the Hemlock to heal Alleers in the lungs after the inflammatory Tymptoms is subsided is great Dr. Ruhn has used internally in exhact, and in large doses in genuine Tepra, in the P. Hospital, and its good effects were so evident, that I should not hesitate to use it; med produces very great disquamation every nightso that halful's of Seales, were every morning taken from the bed of the patient; and when the medicine was omitted for a day or two, no Scales appeared: This is not a solitary instance for other persons mention utility in Teprous affections. Mrkalston of amsterdam has found it an effectual remedy in apiter Eliphantiatis of Europe, which is a variety of Lepra. D" John Fothergill mentions a case of a very painful and sudden affections of the face, The Die dolows; when it was useful, I have given it myself in one case of this singular affection with the happiest effects; but I have known several instances in which it was ineffectual. In Syphilis it has been sometimes used with great advantage, Mr. Hunter found it extremely useful in the sores sucreeding Bilboes, which are difficult sulves to heal; he found the recent expressed Juice the best form, but that of Cataplasm also usefull. Withering says it is usefull in Ulcers of the lungs. morning It wouldhave been saved the transcriber of these notes much discovere if he had been in the billives work the period he was employed with them.

I was count there of white of the work is colored e interes in all earliesters with a construction of the first have there were first in mentioned in good amount with the second second in the second allocation of him hideon him from it any opposite county - Epily o'lyhousealt of diagram was a could get you Colon Tothergode ministerin a case of a good frample and and the affection of the four the sail statement when the own sour it is asquell up When if the surge commission of mulding law some the transcription when come to charge once of the lines

The Irespifs ated Juie has been used by De Butter of London in Gonorhood, he says it will were this disease, but I have never used it. In Chronic Rheumatism hemlock has been employed by both Da Withering, and myself with decided advantage: It sooths the pain, and closs not all only as a publicative but sometimes contributes ofsentially to the cure. In Canser when opium did harm I have seen do much good, particularly in one case of a Cance in the Rectum, into which I inject the watery injection (sayinfusion) I have employed it with great advantage in scrophula, in one case a patient covered with scropshulus where took at first small doses which were at length increased to 40 growns a clay, and was sured. In Gangrene sendes it is said to be usefull, Nan Sweeten was attacked with it, and much benefitted by it; from the utility by Mr Polt I should think most untikely that this might be of service Different preparations (Hemboch are for employed in in practice, but the Extract is the most general; it is however an ambiguous remedy. The powdered leaves are the best form: These should be gathered between the end of June and the middle of July, when the plant is in flower, take the little leaves, throwing? aways the large, the flowers, and the stattes, and dry them before the fire, or in the sun; preserve them in bags of strong bown paper , or powder them and keep them in phials in a draw where no light will come) gain admittance; In the beginning from I to b grains may be taken in a day, but after having been for some time & accustomed to its use from 15 to 200 grains may be exhibited in the twenty four hours. ming

to be unfull, from Fareten was attracted with to and much the Elizab of the most governed ; it is have ever an constituences

The content of the producted desired as the best from There should be been been the best from the second of the se

(The Prespifs ated Juice of the has been used) by Dy Butter) This is an Error by passing a leaf-Our Medicine has done much good in the Hooping Cough. Dr. Butter speaks highly of its benificial effects, he relates . To Cases of the disease in which he employed it with the greatest sucrefs, he says there is but one indication in Edenburgh, and that is to give hemlock, he gave go 1/2 to a Child under bmonths of age, from, to two years one grain, allowing a half grain for every your untill 20 and at 20 Years 10 grains. ... Different parcells of this powder produce different effects from the slovenly manner of preparing it; It should therefore be done with the utmost ecustion, Dr Eullen mentions a Case of a Lady, who was taken it for Cancer and had to the extent of 31, but being obliged to resort to a different purset she took a close of go XX which had nearly killed her: The same powder in a close grs LX of the Jonners parcel produced no sensible effects: I hold it therefore says he to be a rule, that when hemlock, either in the form of Powder, or extract has no sensible effects when taken in ap dose of guXX, the medicine may be supposed to be imperfect, and if it is to be continued, or other parcel of it should be employed among the umbelliferous plants we find, besides hemlock, several of our esculent plants, as Carrots, Celery, &cbut something delecterous is to be found in all of them. -

a happy and alone of the rid ren age. that is to green, therefore to the green in the second to the desire the mount have a see feel a cheer of go. K. wilson had superly falled Principle in Atuat has no since the affect when taken in as dose of goxxx, the medicine must be supposed to incompage and if it is to be consisted, in other parest of it should be

Jul : Narcotica. (ord) Pomace ac. Laurocerasus & Cherry Laurel Is a Species of Plumb or Cherry, the Trunes Jauro - curasus; it is not the common Laurel of this Country they are different in their appearances and their properties, the Jamo cerdens, produces a kind of Cherry; bullen calls it a Sedative of the most powerful kind: I have had no experience of its effects, but from what I learned from Books it is un = - doubtedly a Flimulant and Dr. Darwin places it in his Class of Incitation It has indused Telanus, and other convulsive affections; butten says that it acts differently upon the nerves from opium, and also that the first effects of the Lauro circusus is to include Sleeps, this however is not The case, he adds that it destroys the mobility of the system and and that has asabols it distrays what I believe is the case, no Inflammation is to be found in the stomach of such animals as have been destroyed by it, but their Jungs are distended and pains also. It has not been much employed in practice though from its being so powerful a poison it would afford a useful medicine, but one which must be employed with the ulmost caution. It has been employed in agues: Du Danvin has known one leaf of the Sauro Ocerasus made into a lea and given to a Lady houbled with

intront inteller there is a consisting a set of the terminal Survey of the training love of course for such a denie of When you but in any it is eyes the more first of men. I do it who that the field offered the Lawre can was it to residence They this lawrence is not Experimentation is to to find a con the observed of outle animal to April a weight mediers, but on which must be enjuly in hat the American courters . It I has been employed to and in The Edwinson has diemon our leaf of The I ame warm made in the wife fives to a tall lines let and

with Hysleria with rather good effects - its most volatile parts are the most active, and they are therefor carried of by distitlation. Notwithstanding the plant is a poison, it has nevertheless been used as a diet, In this Country they use the silm of the almond kernel, and peach leaves, and in France it is introduced into Custards &c: it is sometimes made use of as a poison in Europe, and is spoken of by the abbe Fontance.

Tauro in

This is certainly a slimulant though

is Rimulating effects are not so evident as those of datura, Hyosciamus, and Belladonne, especially when given in smull doses. . It is not much employed in this Country and therefore our Physicians are not able to make up their minds with respect to its operation. - Campohor may be obtained from many vegetables, it may be collected from the safafras, and from the Laurus Benzoine, or spice wood, and in small quantities from the suge, Rose many, Hur wort &c: some of the Chemists are of openion that all the plants containing an aromatic oil will also yeild Campohor. - It is produced principally from the lawnes Camphora. This we grows to such a size in Suppan, and at the Cape of Good Hope, (Though it is also a native Sumatra, Romeo &c;) that two men cannot left it, the branches are cut into pieces and the Camphor is discovered in the Interstices. It is

The state of the s which takes the series of the and remark in sec to reducing the many on the his source we CHOIDING: The second secon of the state of affects your from what were all the state of the state of the the second of the second was always of the second of the second of and the second of the second o

then scraped out with Iron instruments, as is also the woody part that contains the smell of Camphor. This gives rise to 3 different kinds, The head, Campohor which is the best kind, is received in its native state as produced from the tree, it is of a chalky white colour and easily reducible to powder between the fingers, or in a morter, it occasions a coolness in the mouth, cheaking naused, and imparts the whole of its oil in distillation, the belly or common campohor produces naused, and has an aced taste, which is supposed to arise from some foreign substance which the Chinesse combine with it. It comes to us in white solid Masses, is tenderous between the teeth, is of an aromatic touste producing cold in the mouth; it floats on the surface of water, and in open our is dissapated in the form of vapour, this the least in cold and dry weather, and much greater in the cool and moist our of Cellars. In Chafses hermelically sealed it looses none of ils weight; it is most entirely dist soluble in water, but from The taste which it impairs to that fluid, particularly if it be hot, it must be particulty soluble. It is entirely dissolved in Reclified Spirits of wine twice its weight, but if water be added to that solution the Camphor is precepitated; by long friction with water it is wholly soluble in it with the afsistance of Gum = - Chabic: It is soluble in the mineral acids; If eight times its weight of Mitrie acid be distitled from it twelve times it forms the acid of Campshow. Campshor has properties similar to some of the gums and Resens, but in others it differs from them efsentially.

Home so injudicate in it was an element to the the home may finish that commen the weeth of transporers where we are to a first Service The things to provide a fee and service is comind en el nateris state es quelles pour la sesentille of a challe while color and county where is sugares to be an stayley I so in me appoint hope by confirming one is go ! my home The distribution at impaired the short flower from an in the it is whatly solide in it and the specime of your wolve land at Joseph Salvered of anyther the file

Te Grange says Campshor is a volatile oil rendered concretely carbonne. ... One of the most beautiful ways of using Camphor in practice is by subbing it down with gum Aabie and myrch in the following proportions, R. Camphor ----- 3 Myrsh grs XXV or XXX Gum Arabic 31%. Juce. all. _____ 311 Water --- - Zviij -- m This Solution will be perfectly transparent The Chemists know not what is the nature of Camphon; It has some principles in common with the volatite oils, but in many respects it differs from them, and these they call the Camphorated principles ... of the effects of Camphor on Animals. And Just on Insects; a perce of Campshor placed near an ant hole, affects them considerably, and shows those effects by thowing into confusion; Every Insect except the Moth is destroyed by pulling into a Glafs vefsel with Campohor: The symptoms preceeding their deaths, are violent aggitations sucreeded by langour, it is an excellent method of destroying Insects without Injuring their organization, or the fine colours of Some of them, the Moth however as above mentioned es not affected by it, It likewise kills pags, on Birds,

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and Zuadrupeds, the effects are various, but it affects them all, some were made dull and heavy; some were intoxuated and modele Juious, some were caused to evacuate in different ways, as funging, vomitting, discharging wine Sc. Buds were more edily killed by it than Quadrepeds when it was taken internally, a Sheep took 311 and struggled thro' the dose, a Dog took the same quantity and was affected with all the Tymptomi of Hydrofohobia; This is an interesting fact; Tamptoms of disease are induced by many stimulants. The Homach of animals killed by it were inflamed and contained an unusual quantity of muces; the menings of the brain, the heart and Tungs were Inflamed There were an infusion of bile into the small intestines -Two drachms of Campohor injected into the Rectum of Rubbets produced the same effects, that it would have done taken internally - It would therefore appear that Campohor acts as a Stimulant open these animals De Eullen however says that it destroys them by its Tedative power, in the same manner as he thought all other poisons acted ... The active powers of Campshow appear to reside in its volalite parts, and therefore it problem probably acts chiefly upon the brain, and nerves after acting in a violent manner, peices of Camphor have both been found whom the Stomach in diffection, or vomited up as large, as when they were taken; their effects therefore must have been produced through the medium of the Stomach . I believe however that Campohor is par = - teating absorbed sometimes ento the Euculation by those of the Tymphalics, which are not too nice to reject it

Andrew Indianally was the water had a surface from

(1850) Dr. Culten says the smell of Camphor is perceptible in the perspiration, and swedt of those who have taken it ... Dimunro, has made some experiments to prove that it is absorbed when externally applied It killed Jugs; he applied it to their hind legs, and two hours afterwards. upon opening the abdomen; the smell of Campohor was very perceptible; he applied spirits of wine to it and it received an evident taste of Campshow, he then tied the dorta, vera cava, and lymphatics of a froz, and applied Campston to its hind legs, no effects were produced, and no smell could be produced. Camphor inflames the Stomach, and after some time this Inflammation is propagated to other parts in Carminatis was of opinion, that it acted by destroying The initability of the system . . Alumo found that it rendered the part to which it was applied insensible. Eamphor on Man. I might with propriety have spoken of its effects upon vegetables, as it would tend to throw some light upon the investigation of its action; but I refer you to a paper which I published upon this Subjects in the If the Nolume of the transactions of the Philosophical Touchy: My Experiments I think establish Some facts relative to the Physiology of vegetables, and render

its Sternelating effects very exident. Plants which

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are put into a solution of Campshor have their vigour kept ups, or even revived after it has began to disappear, they do not seem to absorb the Campshor. Lampshor acts as a Stimulant on Man. Defiffin of Edenburgh mentions the case of a man who having swallowed some camphor, it produced burning in the Stomach, dimnely of sight, congestion in the head; and in another, the same symptoms with naused Ull these effects ceased with vomiting. In a large dose of it produced deterium, and an uncommon degree of the fullness, and pequency of pulse. Dr. alexander found Di of it to reduce his pulse from 68 to 65 in a minute: he said, it disminished the heal of his stomach, as was evenced by a Thermometer, and it produced vertigo, lofs of sence, and memory, or drinking warm water, he vomited it, but continued for some time after to have heat, tinenitus ausuim, vertigo &c In Me Calisons experiments upon the use of Camphor in a putrod bilious Jever 3/s every hour produced paleness, depression, pulse small, frequent, and intermitting, difficult respiration, tremors, stupor, dimness of sight, and sometimes regors, and Convulsions, these lasted only half an hour. It was frequently (say formerly) thought that Camphor was of a cold nature: Hoffman was one of those who had a dopted this opinion, and he says that even in Spirits of Wine it does not encrease the foulse, and that it induces coldness at the precorded. Trales was also of opinion that Campshor is of a Cold

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, but he says that, certain www.mstances it produces healing effects, he applied it to his abdomen in oil, in the disease of course and found its produce much heat. I have not seen at large the Ideas of D' Collin at Vienna, but I believe he thought it a seclative, he gave it in very large doses of about Ifs in the course of the day Cullen thought it a sectative too , he says that he has given it in the close of 20 grains without increasing the pulse, and sometimes with the effect of exidently diminishing it. The tells us that once he had a maniacal fratient, a young woman between 25 and 30 Years of age who he was resolved to try the cure of by Campohor, and beginning by 5 grains for a close, and increasing it by the same quantity every evening he brought her at length to a close of 30 grains and that dose says he in imitation of D. Kinnear Trepedled for four nights together . During all this I never found The frequency of the pulse increased, and when the larger doses were employed, the pulse was brought to Ten strokes Jewer in a minute than it had been before; at the same lime so little change was made in the state of the Maria that I was resolved to give up the Trial; but the apotherany by a groß ena in Badclam's abridgement of the Philosophical hansactions was led to think that I had mistaken Do Kennear's practice, and had not carried the dose of Campohor so far as he had done, Proceeding upon this supposition he presumed to give AO grains of the medicine You the next nights dose . In about half an hour after This was exhibited I was sent for to see my palient, who after bealing her breast as if she had felt uneasiness there, had fallen down seemingly in a faint. The appeared

T down That he has seen in the said the store of the first south that state your see in good from the sale will all the sales January margally to the form of the same that the same the same and

to be quite insensible, with her pulse very weak, and hardly to be felt, and her breathing hardly to be observed, with a paleness and coldness over her whole body I judged her to be dying, but by holding some spirits of Hartshorn to Free nose, and Chafing her extremities with warm flannel she was so for recovered as to swallow a little warm milk, and after. - wards a little warm wine, and by these means continued for two or three hours, her pulse and the heat of her body were a good deal recovered, and she had the appearance of being in a sleep, in which she was allowed to continue tell morning when she come out of it by degrees with her fulse very much in the notinal state. In all the same time the Mania was also in the same state as before and continued to be so for several months afterwards when I ceased to enquire after her In this case I find no proof of the puincery effects of Countries being of a sedalive notice, because Dr. Cullen did not see his patient untill a half hour after she had taken the medicine; of the state of the pulse during these 30 minutes we have not the smallest intimation, un The experiments of Qualen are much more Satisfactory; in all cases he found it to rouse the Pulse, cause redness of the eyes, sterness of the countenance, and other symptoms indicating the presence of a Stimulant. Dr. Muno had also a freety just Idea of the effects of Camphor. Several Gears ago Tattended a Gentleman who was accustomed to take about a Tea spoon full of the Camphor mixture; at one time he look a very large dose of it, which threw him into a deferein, and inflamed his eyes

The second of th morning in house they have been made in a see in your they make any a make a some of my some first 4

Da Quinsey seems to have a Just Tolect of of our medecine; Dr White says some think it of a hot, and others of a cooling nothing Likewise wine, Brandy De. by by removing certain disorders it may prove cooling to the system; He likewise did not think it so healing as Some others do, upon the whole I have no doubt from what is have seen and read that it is a cordial and Stimulating medicine; with respects to its mode of operation I find it difficult to determine . - I shall now proceed to speak of its use in diseases. From the nature of Camphon, which as I first explained to you is cordial and stimulating, I am surpised at its having been so seldom employed in intermittents; I think that that it would be very useful in the low, nervous intermittents which have a tendency to run into Typus, in doses of grs VIII or X - during the intermissions of the Paroxisms, though however it is not much employed alone, yet The Jetrifuge powers of Peruvian Banks are increased by combining campshor with it, in the proportion of DI of camphor to 31 of the Bark, this combination Di Crawford says is more powerful than I in of Back alone. un Camphor has been much used in nervous Jevers, and Eullen says he has often exhibited et with advantage. ... Sir John Pringle has found Camphor to be an antiseptic, and that of a powerful kind, he informs us that I grains of it mixed with water are more effectual than 60 grains of stimes you Sea Satt, our medicine has there fore been exhibited in putrid

more than the property and the second second second to property The same of the first transfer of the same The first the second of the se The state of the s the state of the s The strangers of the Symmetric and the South the state of the s Considered with an extension was a second to see the second and where you he was by ways in according to with marine Western when he growing from more. the winds , we me wishe has the first house the little .

diseases. Pungle employed it in Jail or Hospital fevers, but restricts it to the second or third stage, a proof that he thought it a Stimulant. ... De Huxham likewise used it in this disease, and says that when continued it is useful in cases only where there is great protraction of Thength; many other writers recommend it either alone, or in combination with back, Supertance, Contragerva &c. The arabian Physicians employed camphor in gangrene; De Colleir a Physician of Vienna prefers it to all other substances in this desease, as promoting a seperation of the dead from the living parts; he says however that it is improper when the blood evinces any thing of an Inflammatory disposition. In Gangrena saux secret he gives it internally and spreads it with a feather upon the deseased part, dissolved in a solution of Gum actice In Gangrena humida he covers the part with a thick Stratum of Camphor . .. De Culten seems to attribute its beneficial effects in a great me asure to its antiseptic qualities: I think however that they are owing to its cordial stimul= ating qualities. ... Camphor would perhaps be useful in gangrene occurring Typhus, I have several times employed it, and produced extremely good effects with it, some of our Country practitioners apply a poultie of meal, welled with a decortion of the Safapas to gangreous parts; but I do not know much of this practice from experience; If it did any good it was probably from the camphor which sasapas contains

with the group of the grown white where we have the services that The Marie and the State of the where it is again with the solding how and have the sold of the my with the countries were recommended in the contrient a while in of form the whole is from poor house to come the past with a thick stratum of Europe in There is against immerce to the antisopher grather with gold of none promised organized door it whole there will it, some if our Country prosecution split in forther of march western with a divident of the were of this progress force of your self is not To good without of the support was go mark have see a find continues.

Camphor has been recommended internally in cases of obstinate uleers, - Collin used it in several of them, particularly those about the foot, and near the bones, and an ointment with which camphor is combined, will keep the disease from that part, and he says from any part of the body may be preserved fee in this manner. _ To preserve the eyes he recommends a bag with camphor placed before them; and the fames by a camphorated gargle. ... By This means the sweeds avoid being pitted. Dr James thinks that the odow of Buinstone keeps up the vaccine infection. I once inventated Iwo persons with some valarous matter various which infected several other; but had no effect on them; on a second visits to my patients I smelled Brimstone, and on enquery found that they were making use of it for the Itch : - after this disease was removed, and The use of Busistone discontinued I succeeded in infecting them: .. Here there was a failure in the attempt to propagate the desease accompanied by the odour of Bumstone, but I ascribed my want of success to the presence of unother disease (The Itch). In Debullen gave 20 pains of an emulision of Campohor a day in small pex. Mr Houghland shought it usefull in the Chronic Cough in Measles . I find that the putrice Measles as they have been called, do not exist: What Mr Wharton called scartatina anginosa has been demonstrated by Camphor has been employed, in both general and local inflammatoy and local diseases:

The second secon

Dr Winkoff and Hoffman have exhibited it successfully in acute inflammatory affections, they thought it of a cold nature . In combination with note it has been sometimes employed in Pneumonia, as nitre seems to derect it more to the skin, those who follow this practice blood &c. and gave the medicine during the remission. ... In puerperal fever, Paileau says he gave the camphor with advantage, in large and repeated doses, I think however his example should not be followed: for this is a desease of great Inflammatory excitement, in which plentiful bleedings are found to be successfull and I should therefore suppose that camphor would be improper. In some cases however of the disease I am four from afserting) that it may not be usefull by determining to the skin: Thave heard of its having been usefull in combination with camomel Our Medicine has been employed in aute Theum atism, not however alone, but in combination with saline purges; and accompanied also with the Sancet: Collins (thinks) says he has not had any experience with the internal administration of it in cases of write Theumatum; but he says that externally is is of great service in removing the Rheumatic pains from gouts and measles; He mentions the case of a Gentleman I who was afflicted with gouly pains, and who was a divised to apply the oil of Campshor: It translated the from to the other foot, after releaving it for about half an hour, and being applied to that, it restored the pain to its anticient seat, but another application of the oil of Camphor hanslated it to the knee,

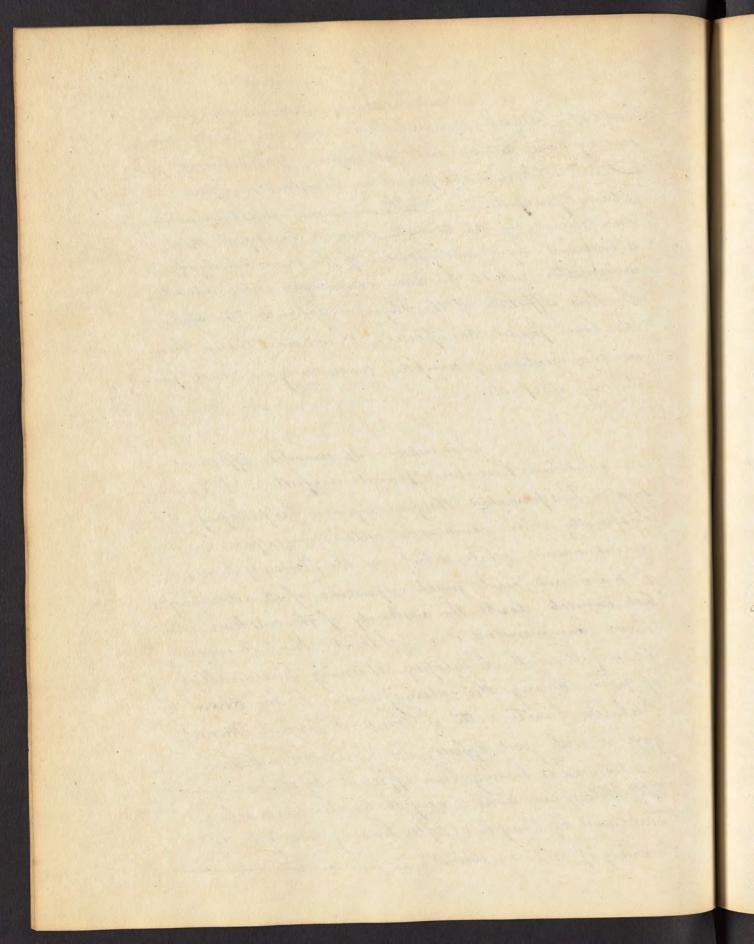
assfull for continuition and comme They water, not himsen show he an amandinaries expension with the entire of admiral a live of the on care of grand seminaries was made of the throng in a second with since of the last and good, greek greek some with never a green as I work the second of the secon

and he discontinued the remedy, for fear of driving the disease to some of the internal organs; I therefore think Camphon a dangerous medicine in acute Rheumatism, and gout, I shall relate Two instances of its prejudicial effects. ~ A Megio Boy fourteen years of age was subject to Rheumatic pains in his hip, and back, one Evening he bathed the part affected with opodil doc an active article, and was found dead the next morning, and there was every reason to believe that the disease was translated to his Stomach. a Gentleman was affected with a minisness in his aim, but did not think it was of a Rhoumatic or gouty nature; he applied Eam: a John Jules externally, which translated the disease to the other arm; he buthed that too, and the longue was affected with palsy; this however was cured. Therefore think it unsafe to apply the Camphor in these diseases, when they affect the extremeties, since it removes them to other parts of the body . .. This however is an unimportant circumstance, and might I think be taken advantage of by applying Campohor to the head, or Stomach, when they are attacked by gout, in order to drive the disease to less important parts. a Guman author speaks highly of this practice, but in applying it to the head, it may sure some intermedicite Spart, as the heart, lungs, Stomach &c. Campohor has been employed to much advantage in Tumburgo. Murray, and some others have recommended a salution of camphor in hot water in Rheumotish tooth ach, which is to be held for some time in the mouth.

more yearly would be to be a superior and years to much may be the the wind in may now to form which you was in a printing on theory his heatened they are affective unit fronte in marine a secretar man in the second of many to make the man in the same of the Garagher & Ra Farmed, in 1 the forthermore was the transmit in the series of the series of the series of the men somether or a market hand as promisingly on to make yo energy or to may to want home who were in de Transment : The State of the second was long as in you and made freely who houses and was in I dough a draw of weath to place the forms the formal ways or many comme , in your It goes to very a service formation to make the graphic ways by reading all a service a hart of subject to the subject of and remident the second of your second in the with the season of the standing of the same of the same Employed the same anywhy as to some a successing with I work the second was a find the second of t) C103.

medicine, but I have now baid it aside. It has been said by some, authors to be not inferior to the Sugar of Sead : Bell employed it in Charles, and Journel it is extremely useful. Bronchocile is not an uncommon disease in the United states; I suppose that it is induced by a modification of the same Marsh midsmata which produce common intermittents. In this affection of the Thyroid Gland Camphor has been Jound beneficial, a certain author has used a mexture of camphor, and verigan, cence found it very useful.

In certain Spasmodie affections our medicerie has been found usefull. Di Eullen says it has prevented the porrox yours of 6 pilepsy, Obspecially when combined with the cupium ammoniaum, while vitrol, or the flowers of Line. Thave not had much experience of its advantages, but cannot doubt the authority of the withour who have recommended it . - I think, that it would be usefull in the Epilepsy returning periodically, if given during the intermissions . In Exactor Chorea Sancti vitti I Think it usefull, Monro gave it with good effects, and some other authors mention cures having been effected by it. in Dr. Wilson mentions a very obstinate case which was rured by Camphor, after having resisted a variety of other medicines.



Camphor has been employed in Tetanus, but not very frequently. Mr Vanquelin has seen it produce the most wonderfull effects there, and Bartholin says he has seen it evidently beneficial. - Hoffman advises it in a fluid form in the spasms of the thwat, as it is but slowly saluble in the Juies of the stomach; he advises one, or two lable spoon. = fulls to given every three or four hours. in Dr. Miller says he found it usefull in asthma, it has been advantageously employed as an anodyne in difficult and painfull menstration by some British practitioners, and by myself. In The exhibition of Camphor in Mania and Melancholia is an antient practice, and one which is mentioned by Paracelues and Theophastus Cinidus speaks of its use in Funor Uterinus or manice from veneral impulses. I doubt however whether such a mania exists, and if it does, some other remedy must be employed; I would advise to bleed in young people, and that very freely, the disease however is not confined to young people. In the 25 the Volume of the Philosophical Transactions, there are related four cases of cures effected upon Maniacs by the use of Eumpohov, they were all Young people, the oldest of them being under 30 Years of age, since that it has been employed with various success. In Cullen mentions a young man of 16 Years of age, upon whom he tried it, he was apparently of a sound constitution, and was affected with unusual loquarity, which increased gradually

in I francisco more to time to some where the but the self of the section of a by regularly a men other excluded on your day in the warmer is made the first and the second of the second with course of conserve, which were now you will 108

untill the patient became manuacal, and required to be tied down; In this state, Bleeding, Clistering, purging, vomiting &c. were employed to no effect. Eamphor was then resorted to : he took it at first in doses of gus V three times a day; this was repeated every day, and inexessed by go if untill he took Zi ter die . . his sleep was gradually increased and his senses came to be in the ordinary state, and he became perfectly well: This Case shows the power of Campohor in some cases of maria; what Cullen calls a moderate dose Ifs is I think a large one in many cases of the disease. I have seen Sii of it thrown into the rectum, produce disagreeable consequences. ____ De Berger appears to have been more successfull than most other authors in this practice, and he advises to begin with small doses, but to increase untit They become Plarge. I have exhibited Campshor in many cases of this disease in the P. Hospital, in one of these it was injunious, and the patient died, This however was a singular case: One patient who was afflicted with a maniacal tactumety was cured by it, in many other cases it did haim: Two of the other attending Physicians of the hospital have not been very successfull with this practice, I should like very well to know to self what particular was becomes of Mania our medicine is adapted: Of Asose cases which are related by authors in which the remedy was found successfull, some were young plethous_

recommended to be a superior and the second in affects with a promision tentum of an The state of the s the second of th Muse over what are with the or will and a series it will im more specificant specificant brown The second

106. potents, but here it will not be found usefull without fre-- vious blood letting, but in (previous) melancholie mania, when the pulse is low and the patient pale then I think it was generally usefull: Too little attention has been poud to the state of the pulse in mand a desorder in which this attention is fraticularly necessary. .. Camphor has been employed in the mortis morbus pederularis, here the skin is covered with little lumors which contain living insects . In one case of it, the insects were all Killed in one day by the external use of Camphor. Externally applied Camphor has also been applied by some of the German Phisicians in case of Burns, defsolved in musilage of Gum avabic: Those of you who Think well of the use of Turpentine in these cases, may easily suppose the Campshow to be usefull. un m When combined with purgative medicines, camphor is said to moderate their violence; with opin it causes that mederine to act more beneficially in many cases, Especially those of cancerous whers; It is said by Laxanne to deminish the narcotic powers of open, and to modely some of its other qualities, preventing traublesome dreams, Subsulters Tandeniem &c. I do not know that these accounts are true from my own experience, but I state them from respectable authorities, Cautten however was not favourable to these combinations,

Lazonne tetts us that when combined with Barte, Camphor improves that medicine. I think that this union would be very proper in low nervous fevers.

is near think of the facility was wear in the security in second than Embert in march up to gainst in his will be a second The second of the second of the factor of the second of the when we have the second some with the second in a standard by showing a marganises which is the country of To word to the wind the survey frames of going to and to writing course of the other families of some of the to the man their ship some process to an interpretation and the short that the second of the second will be The second secon a prior the transmission of the way the wind the I have been some and the second to

When it was (say is) combined with mercury it is said to render this also less active: - when subbed with the mercure all satts; It combines with some of the acres of them without diminishing their stimutating quality. Tazonne says it increases the power of mercury; when united with mercural antment it has been said to diminish its powers to produce Salisation; this however is not a descreable effect in my opinion. I think that Typhilis is more effectually cired untill a Salvation is excited. I have combined Campohor with mercury however because I thought it made the mercury act more readily upon the system. My proportions are 31 of the mercurial ointment to 311 of campohor. I applied this camphoratest mercurial aintment to a caricerous ulcer on the scrotum with effect of curing it, when the common mercural ointment previously applied had done no good ... It was in all probability of a veneral origin, It not alone resisted the simple mercurial ointment, and mercury internally, but it seemed to increase under these remedies. I am informed that a very respectable physician has used this camphorated ointment in cancerious affections to very great advantage Mr. Home has also found This Sintment very usefull .. Camphor is said to be advantageous in relieving the symptoms from an over dose of squills, and to moderate the effects of canthanides taken internally.

By Grenautt, and since his times, by others, camphor has been sufficient really the power of relieving stranguary. Genoutt was the first person who prescribed the canthanides internally

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he lived in the latter end of the 17 the Century, and for this practice The was committed to New gate; Physicians being his Judges. Think the question, whither or not camphor is effectival in ne = = leaving stranguary is deserving of attention. - Do Heberden mentions two instances which were supposed to arise from Camphon I never knew it to produce this affection though I have frequently used it. - Cutten seems to doubt the facts mentioned by Heberden. Dr. Huxham calls campohow the grand corrector of the action of Canthorides . - Many Physicians Jonnerly anointed blistering plaisters with camphorated oil, before putting on the (blisters) canthouides. - Physicians of yet divided upon this point, and I must confess I am not yet satisfied : I put no faith on the Adian Emulision of Debutten. In stranguary from Blisters, I apply bladders filled with not water to the region of the Palvis, or back, and I use the warm batho, and opicites together with Mustand to the feet; which lest is a sovereign remedy Camphor has been employed in cases of retention of unne, and if the following is to be depended on it is certainly very useful in such cases. Mr Ladam an English physician says that he relieved two cases of retention of wine, from frequency by the external application of Campohor and in one case where he had passed the cathely times the The Uva Ursi appears to be, very important medicine in cases of stranguary from canthaudes, given liberally either in infusion or in powder: For a Young Lady from the West Indies, who was afflicted with a heptic disease, a Blister was advised: The was however unwilling to apply it

the the things are a little with the said the sa me to have a subject of the second of the second of the

it as blisters with her always induced a stranguary: Twas now determined to try the Wood Usi; I did so, and it twice prevented the stranguary, the next blister however was employed without the Mod Misi and the affection was produced: I shall say more of the practice hereafter Camphor may be given in doses of from 6, 7, or 8 grains up to 50 or 60 grains, two, or three times in the Twenty four hours, but in low fevers it may be soon carried up to larger doses. - There are various forms in which it may be exhibited. It may be dissolved, or suspended in water with mucilarge of Gum arabic and Lugar, as it does not sit easily upon The Stomach in a Osolid form: Fothergill says that the best form is with mucilage of Gum drabie: - Huxham gave it with vinegar, it is frequently exhibited in The form of Pills, tolkerated with sugar, or blanched almonds, or with Gum arabie: It is made into a conserve thus. R. Campohor --- grs XV. Olim Cinnamon gtts. XX. m. It is always best to administer Camphor in a fluid form, but sometimes it is necessary to give it in Substance, Camphor alone, is not easily pulverised, this may be done with more facility by adding go ler I or is of the spirits of wine. morning

the state of the s Samuel on more of the france strongly will be a second The first of the first water will be the first of the fir Sandy join there is the ten property in good in the same the same with the same and the same of the same which many the or harder to the wing the wife the Francis and Day of the Section Sugar Sugar Section Sugar made to make the state of the same A. Van Completion of the Valley Succession Completion have not got and president the many bay dearen west wines up to have by home to in it is fire it must be minimised in

Qubnarcotica, animatibus

Moscus Musko.

This is one of the few animal substances in me duisie, It is prouved from an arumal (The Muscus) which is not of the Deer kind, though very much like it. It is a Modive of Siberia, Thibit, China, and several other Countries of the Old World It is obtained only from the male, the power of Climate upon it is very great, both as respects the quantity and smell of the musk which it yeilels. Mush is the most odouferous substance in nature, so powerfull is the smell that it sometimes Induces blood from the nose, eyes &c. It is of a clark hown colour, and bitter laste, Its chemical analysis is not yet sufficiently investigated, but resin, and gelatine, and also a saline matter are its component parts. It is however frequently adulterated, precies of Tead being sometimes found in it, The odow is very tenacious, and adheres for a long line to a Selver Cufs in which it may be placed, It is nearly alled to compoher. Dr. Cullen places it under his giet class if antispasmodies, which is different from the plan I have adopted I know tittle or nothing respecting its effects upon the pulse in a healthy state, but it produces a mild diaphorisis, raises the spirits, and afterwards throws the patient into a gentle sleep, more so than that produced by opinin. Musk has been recommended invarious

infilment with million ful to the second contract of the second the decide the former of Elmole Speed the state of the s and the second second second second second second second and the second of the second firm the second of the second was because the same of water and the winds of the winds coming the first and the state of the state - Called her ten man with the contract

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and first by Pringle in gout in the stomach. This practice has the testamony of various authors in its favour, and D. Cullen says that he has relieved many patients by a barge dose of musk which is about M, a moderate one ges V and a small one go II which is hardly worth given In Telanus we might suppose that it would be usefull, and Dr. Herberdeen, has advantageously employed it with opium, in this disease he says the opicites always relieve the convulsive spasms: Dr. Owen of England relates the case of a Young Judy who was affected with a violent I pasmodie disorder in which her head was drawn down powerfully, and suddenly to her breast; after the failure of every other remedy she was cured by taking Its of musk every four hours This proves the efficiery of must in Tetanus, particularly as many other remedies were ineffectedly It is considered by the Chinese as an invaluable medicine in Hydrophobia. They give it thus

R. musk ___ grs 8 vi Einabou - dii: m. f. and

give this in one dose, and if it does not induce sleeps in three house, it must be repeated. D'Willing approves this practice, and thinks the efficiery of it is owing to the must. I have a German Physician gave it to advantage in Spasmodic Asthma. It has been recommended in Flooping Cough in desperato cases, when other things have failed. Indes did not approve of it. There is another Spasmodic affection in which it has been employed; Viz. Colici pictonum. In this affection

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Hellary gave it with openin and praises it. Tike Camphor mush has been employed in Mania, Hillary says that it is of evident advantage, and bullen has seen cures offeeted by it, he says in an Old Edition published by one of his pupils, that he saw it more effectual in Mania than any other remedy, In the Tremors Subsultus lendinum &c accom-= panjing low nervous Jevers, it has been found serviceable. Dr. Eullen says that is not only relieves these symptoms, but removes the fevers itself. Mead gave it in Juit fever. Musk is recommended in small of ox when it is confluent, but Trales did not approve of it; of late it has been employed in gangrene and Mortification. Mr Simmonds of Manshester relates a case of an Old man whom opium and back did no good: The disease was slopped and the parts separated by laking Musk _ grs X

ammoneae grs Xrubbed down

together, and baken 3 times a day. __ Us I believe There are few medicines which are not adutterated, so there are few more so than musk, and hence the variety of opinions respecting its effects. I think with Dr. Cullen that the smell is the best criterion of thespurity of the medicine, I think too that, that which is most disposed to granulate between the Jingers is the best, In proportion as it is unaturous and fatty just so is there reason to suppose the medicine is adulteraled? Culten relates a striking example of the difference between

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The effects of the pure, and impure, I think that genuine must is a most powerful medicine. Musk is very seldom used in this City, because it is very expensive, and when it was formerly employed, which was about the time I was a student it was used so spareingly as to be inefectual. With respect to the close Dr. Wall says, that under six grains he never knew it do any good, bullen says the close is from X grains up to ges XXX but he gave it more liberally; Throles published a difsertation in which he encleavoured to prove this article worthy of attention? rtificial Music This was invented by Musgrave, and has been recommended by several Physicians; it is made thus CR. Oil of amber. Conuladed nitre and Ziiifs. The and is to be added to the oil gallatine, and after the action has ceased, washthe product well in water cold, or warm, then dissolve it in alcohol in the proportion of gas X of mush to a pint of the alcohol, two drops of this is a dose for a child. This is said to be equal to the best original must. I have never used it, but it is much employed in germany, and it is said to be usefull in nervous disorders. _ Mr Bailley says that no medicine is better in Flooping Cough. __ It is gwin in convulsions; from 10 to 15 grains of it being hiturated with a few almonds, and afterwards a few ounces of water are added, of this two tea spoons fulls every two hours are given to a child. This medicine has been also exhibited in

Spasmodie Inflammation . ~~

all to conjutual, and the wyord will the Pall Hold To difficult . This the considerable to the set of the time and my time extended of the law their fines fills every the today we present

Castor This is generally supposed to be obtained from the Inquinal glands of the Beaver, but we now know that it is a peculiar adoriferous matter which is procured from The bags which are found in the anis of the animal, Its use in this creature comes from Rufsia, in round hard balls, it has a strong smell, and a billerish and nauceous teste. An inferior Kind comes from Dantzie, and the worst from Morth america. Its chemical composition is found to be simular to musto; It is a resinous, saline, getalinous matter, both of them when subjected to dry distillations afford an essential oil Its medical properties are not sufficiently known, and sometimes it is esteemed too highly and at other limes too low. D' Cullen says that it is often a powerful antispasmodic in substance, and in large doses from X to XXX quains. It has been much esteemed in Epitepsy by Nan Sweiten, De Haen, and Thouvelin; the latter proved it to be a stimulant; It has long been celebrated as an antityleric, and in nervous diseases it is also employed as an unendgo quet. mmm Custor is best given in Substance, and in large doses from ges X to XXX, and even 31. The Tincture castoric (Di Cullen however doubts this) is made by digesting for 10 days Easter 311 in proof spirits two parts. Thave never employed it but in Two Instances

(dister) they is one in a supposed to a contract

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has not any power, but it is said to be nawstice: The agua Easton however doubts this. Boum has written a breaking upon the Beaver: I have seldom employed it, and know not any thing of it from experience.

Crocus Saffron.

from my own experience, but it has been used, and especially by the old woman who are very fond of it, for the purpose of drawing off the small pox. This is the Temale organs of generation, the Stimula of a certain plant, which is called saffon, the Crocus Satiries: When Chemically examined it proves to be a peculiar Substance, the proper menstrue, are wine, water, and vine gar.

Donald Munro says that the saffon is an aromatic, and a nacolie, and is proper where the cre is, initable by the nerves, it is often mixed with emolent, and resolving poulties; We are informed by Bergies that Saffon rendered a hysterical patient are worse: Munro says that it differs from opeum, Bergies would include us to believe that it has strong powers, and this I dea is confirmed by the accounts of its use by different authors: I know very little of our medicine myself, but Dr. Bullen does not think very highly of it. The great power of Saffon is that of producing an excess exhitenating effects, and that seems to be the reason of the Jondness which the women entertain for it. Eustom not allowing them like men to resort to wine, and ardent spirits. Eullen employed it in large doses, but he found it imperfect in the shops.

Saffon resembles Campohor in its operations, and the Teal

Million ... postant and wase . . There says that it differ from opening Beogn's aread inverse as to believe that it has severy forces and this there is confirmed by the second of its use by lift me Endling seen with think wery highly of all in They good from of saffion a thirt of favorance in exact a hidealing efforts and that were to be the warm of the formers is which the monum entertaini for the truston not allegang them let men to most to work name under to fail to be more properly an it in larger doing has in private it conjugate in the strops. Suffer seconders boungalor on the operations, and the Fire

from it generally exhibitates the patient: but one of my acquain tames was never able to take it: a it produces a miliary emption. This Gurnishes the class of Subnacostica.

Valerian.

Europe, and is a premial regetable there; but is not found in this Country, we have induced several species of valerian however here which are deserving your attention, one of these is the coin Sallad, an article of diet very early in the spring, I doubt not that valerian is an Incitant or Stimutant, but I am not certain that it should be placed so near the Campshon: I know of no narcostic quality that it displays, and therefore I have not arrainged it with the Subnarcostic: It is from its general properties allied to muste; Dr. Culter calls it an antispasmotic, a Class I have not admitted into my text.

employed in practice. It has a strong smett which in general is not very pleasant, but the Eat is extremely fond of it: This animal will get to it wherever it is, and is so delighted with it as to faint away at the smell; The taste is that of a warm bitter, and it is a little accide. The effects upon the pulse are not perhaps sufficiently attended to:

It is however a stimulant, though not a very powerful one: It is a diaphoritie, a durectie, a purgative, and sometimes an emetie; Some writers tett us that it dilates the stomach; Tifsot a Swifs Physician, informs us that when taken, at first it is.

surplies a Thing namely the chap of a hide state . interior. . The spirit of wealth or was interest in the sail begins of they will see where the time is not not represent government or , and glither I don't not seal so sugar is no chadant of Thomselver to much : It trades each it an anxipamore in the at himse not instructed and and any letter in graning generales is not very pleasant. But the Eak is a land from of the remind well get is it was were it is find in

0 (117) apt to produce anxiety. - Thave given it in larger doses than Tifsot, but I have never observed this among its effects. Valerian is not merely a modern medicine, but was used by the antients . . A Celebrated Bolanist Fabrus Culumna cured himself of an Epilepsy with it, and it has been employed since his time. In the I'm Centuary several cures were effected by it alone : . It is very proper for women labouring under Epilepsy whose menstrucel discharge is obstructed. _ Cullen remarks that its antispomatic powers are pretty well established, and that it should be exhibited in large doses, in which way, I have myself, found it usefull in Epilepsy, Hysteria, and other spasmodic diseases. Qualin thinks that the patients who use it in Epilepsy are not sufficiently attentive to their diet, and that is the reason why it does not more frequently succeed. Donald Munro has often given it in Epilepsy, but made no were's with it . Dollatter approves of the Powder in Flysteria and Epilepsy, he completely cured a Young Lady who was afflicted with the latter disease by exhibiting the Juice. Professor Hutterford of Edenburgh thinks highly of it in Hysteria Epiteplica; he considers it as the best medicine which can be employed in such affections, he says the change is not very conspicuous but the patient becomes gradually better. Thave frequently used the valerian in Epilepsy, many of the patients received no benefit from it. These however were of the most unpromising form of Epilepsy. In one of them If's lie die was allended with punging. Though I cannot say it produced any effectual

and all their the second we the rest to a material than the thing the things more prairie me an area of a facility as in the year of a graphy The decise to askel it is fire from a Paylor flateful Edward Hick Hill the State of State of Special States in fine affection to any discriminary our and any confusing

yet it tended very much to moderate the Typoptoms. In one care in particular when the disease depended on an affection of the Atteres, it was of great service: In one fine Boy who was subject to attacks of Epilepsy, the fratient used calomet to a salivation to no effect: Suspecting the disease to originale from worms, I exhibited the pinto root, which only effected a discharge of something resembling the appearance of desolved worms; I then gave the valerian, a number of worms were discharged, and the Epilepsy was weed. - In Chorece Sancti Vite, Valerian has likewise been employed. This very often proceeds from unknow causes, and not unfrequently from worms; In the butter case the relevan is said to be particularly usefull. un D'Fordyce advises it in Hernierammia 3 one or two of the prowders, three or four times a day, and to continue this for some time? Than fuday and Carminal approve of our medicine here, to the extent of 311 in the day: Thave employed it in Herricamnia with great advantage. Some cases in in which Back and asenie did no good, were cured by the Valerian combined with Bark. I found that it improved The Back very much when combined with that medicine, about If's of the Back with DI of the valerian will be about the proper proportions. The Valencin has been particularly servicable in dimness of Fight, and in amazerosis or Gulla Gerena to the extent of Ifs he die by Richler; he thought that gulla Terena depended on an affection of the Stomach, and probably he is not wrong: He says that the Valerian alone cured many cases of amaurosis in the (Hospital

the state of the s Janell Old , to leave the delicated between my oppor .. Усторога ста ваниная прина выполно выполновый to the extent of the weather day; as were infillying to queder L'eren as aristratures ou and afrechant of the Singara

of Siennia, it has never had a fair tryal in our Hospital. In pulsed fevers it has been found as usefull as the Virginian Inake root: It has been employed for this purpose, also it has been employed in the Hospital in Vienna; Externally applied experiments have proved to be antiseptic Of the virtue I shall (Enov.) It is likewise usefull in habitual costweness. The Valerian has been much praised as an anthetmintie of this virtue I shall speak more fully under The head of anthilminties : But in one case, of Epilepsy depending upon worms I gave Ealomel, blech, and purged to no effect, one morning I was called and the Mother of the patient informed me she suspected his disorder arose from worms, I then gave 10 grains of the valerian, two, or three times a day; the Boy discharged a great quantity of worms and was cured. There are two Tinctures made of Valerian The first is, by digesting for 8 or 10 days by a gentle heat of the powdered noot _____ 31v proof Spirits of wine pts. 11 -- The other is the Timeluna Volatilis Valerian R. wild valenan in course powder ZIV Compound Spirits of amonicie pts. Il digets The first is a Stomachie nervous cordial in closes from Ifs to Zi and is prefered by Cullen. The second is a Stimulant cordial; but the best way is to give the medicine in powder; as employed by Rutherford, Fordyce, and myself. ...

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Goruferæ!

This is a natural order of plants, comprehending the different species of Pines. These afford various kinds of Turpentine, but the purest is that which is the product of the Junees Layx or Lower Laxeho, and which is improperly called Turpentine. Impentine in its entire state is an acric substance, and when applied to the skin inflames it. Eullen thought that it might be rendered a usefull subifacient, It was formerly employed in unplastrum volatite of the Edenburgh dispensatory, and the only objection it was that it produced inconvenient pain; some authors advise it. in secent wounds, but it is evident that it must often be injurious; but when from the placed State of the wound it is unable to suppurate, here turpentine will be usefull. In Horses &c. it is without doubt actuantageous in recent wounds. muschmin

Spirits of Turpentine

Scalds, Authors differ about the propriety of this practice, by some it is said to produce relief in half an hour, if applied immediately after the accident, and that the pain never continues longer than two hours: a Lady who had scalded both her aims severely, one of them was away

Competer. a the facilist of the function large or someth it exists and Ex inference of his water from the place of there's of Mills of Juntim The face in my physical in some wife

washed with whole water; I have had no expensive in such cases.

Its internal use? In given the Turpentine it is generally necessary, to combine it with som bland (Committance substance, as honey, Jugar, or the Golk of an egg, in order to take off its accidences, or it may be given in the shape of pills; but it always produces heat of the Stomach & sometimes nausea. It is a stimulus to the whole intestinal cancel, and when taken by the mouth in large doses it acts as a purgative. If Ifs or Zi of turpentine butinaled with the yolk of an egg be injected into the Rectum, it forms an excellent purgative, in colics of other cases of evotiveness resisting other medicines it acts more certainly as a purgative than any other medicine, when injected in this manner, when taken up into the blood vefsets it is an universal stimulant and it is said to give the unine a very pleasant violet oclour. It is also said to correct the disagreeable fector which appears in the wine of those who cat asparagus: The turpentine absorbs into the circulation ... It passes off by perspiration, and by exhabation from the lungs; and on that account it Thos been employed in Meers of these Visara. I think however it must be injurious: See a paper of Do, John Fordyce on the abuse of Balsams in Thisis Julmonalis, Stimulating injections of oil of Turpentine and warm water were found usefull in stopping the vomiting, in the Tellow fever, and in enabling the stomach to retain the medicine. from 3 fs to 31 of the al. Terebinth deluted with warm water was injected, and repeated at intervals

The interpret we. 9

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untill ginesmus was induced. Its dusetic effect perhaps was the occusion of its being employed as an antithe tell in medicine, and in some cases of uninary balante it may be usefull, but in general, from its stimulating quality I shink it must be injurious in Nephretes Calculose. Eflect is one of those affections in which the Surpentine has been exhibited to advantage. D' bullen thinks that it acts by occasioning an Inflam_ - matory action of the Wethra, this I think may be sometimes the case, but in my opinion it acts by stimutating to proper action in the Westhaw; Gleets are sometimes cured by ruding on Horseback and by an asimbarrashar debauch in wine, or by contracting a Gon orthoad. I give XV or XX letts of the spirits Tere benth three or four times a clay, and I give it also sometimes in Fills Thour Albus is a disease which is allied to gleet and one in which the Turpentine has been advised. Di Gullen does not approve of it because he says there are few Jemales stomachs that will bear it in sufficient barge quantities. . He says too that he never could find a medicine to cure this disease, probably because he practised only among the Rich, and those whose constitutions were worn out by descipation? In Henderson relates a case of abdominal dropsy which was rapidly and by the use of Surpentine fulls, the patient had been decistomed to the use of ardent Spirits, and had been repeatedly topped. It has sometimes been found usefull in Hydropic affections when applied externally. The virtues of Surpentine depend upon an essential oil, which is oblained by distillation with water; This inflames the skin and is a subifacient, but not so powerful a

action of the State of the second of the second The owner of the second from the second of t the complete of the second second

a one as the entire Turpentine. This rubbed on the spine is said to promote the Saroxysms of Intermittents: It is an unsafe dieuritie since it produces abaiming, and sometimes fatal; Inflammation of the urinary passages. Dr Headman mentions a woman in whom diabetes was produced by the oil of Surpentine. In Sciation Dr Home employed it with advantage. Thus of ob. Terebenth & 11 Mil \$1.m. f. and take a Iss morning and evening. I know this usefull in many cases in the Edenburgh infermary; But a patient of mine has been entirely cured, of an obstinate sciatica by gis IV of action arsenic. In It has been used in hemorrhages of the intestines, dissolved in the yolk of an egg, and taken in water. In Merine Hemourhages with Thain, and Jever: When applied to the Tumbas tegion the oil of Surpentine is said to be a powerful diviretic. The anthelmintic powers of Turpentine are well established, and is indeed supported to be the most powerfull destroyer of worms, It is given with the yolk of an egge to the extent of about 3ft duing the day; It appears to be taken into the circulation, the smell appearing in the unione, and the salved being also affected by it. Boerhourse was however of opinion that it was most taken up in the circulation and if his experiments are true, his opinion we is opinion is built upon a solid foundation: D' Rosseau's dessertation also desisurages the Idea of its thus being taken up; but I believe when it is only handled some of it is absorbed.

A TOTAL OF THE REAL PROPERTY OF THE PARTY OF The same than a few transports to the party of the same transport to the same transport

Burgundy Pitch This is usefull in some kind of deafness, introduced into the Megisles, a actitories exturnes, to prevent its achering to the sides of that passage, a perce of gauge is interposed between them, and the futch: This has I been Jounel extremely usefull in those cases of deafness depend - ing on an insensibility of the parts concerned in the Junctions Of hearing: In my own case I have relieved myself of deafnets very much by stopping up the ear in which I could hear well, having hard some reason to suspect the insensibility of the other ear depended very much on my not exerciseing it freely or successfully. ABurgundy Petch plaster has been ? used in Toomia Capitis, various things have been recommended for this affection; but that which I have mentioned is too severe, for the plaster is to remain on the head untill incorporated with the hair, and then suddenly pulled off The real Burgundy Jutch is collected according to Tingry from the Pinus puice or spuce fir tree, a mixture of gallipot and Barras is often imposed on the public for Burgundy Odan. Tar is a kind of half burnt Suspentine which is obtained from the trees which contain the latter Substance it is somewhat empreumatic, is differs also from Surpentine in the Juie of the tree being partly decomposed

could be made from the man desire server it Their strangeness file is coderles asserting to Trug-

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in extracting the law. The Chemists have not paid sufficient allention to it, but the saline which Eullen specises of is the Bezoine acid. The powers of Jan are supposed to be similar to those of Surpentine, but they are not so great and it is more disagreeable to the stomach. I have met Bay Do Cutten with an emperie at practice with respect to law of a very singular hind a leg of mutton is said to roast, and while it contains rocesting it is basted with tow instead of butter; whilst the roasting is going on a shoup skewer is frequently thrust into the substance of the mutton, to give occasion to the running out of the gravey; and with the mexture of tow and gravy to be found in the dupping fran the body is to be amonted all over for three or four nights sort successively, this is suid to be usefull in Sepace, and I have successfully employed it in one care of Lepra withis with great success, Litthyosis, but I never repealed it " a mixture is sometimes made of two parts of tar and five of was, or equal parts of lar and mullon suct. I once saw a case in this tity which resembled Sepre, and which resisted Mereury, but was used by the Jar, and mutton suct. It is relebrated as a pectoral substance in asthma and old boughs, and in this case it is mixed with the power of Elicampane. Tax water is made by mixing one quart of Tar with a gallon of water ... Thave been told that the Negroes of South america we prequently afflicted with sciation, and that they cure it by the use of Jar pills.

alle is a year there or fine and see the sent many consequences than a liver I me over ease of I free comment in the Lotting ow. the state of the s Mariney and were winder by the war again markey in the The same in the same of the same and the sam and the second section of the second

126. About go years ago thee as water was employed internally in many diseases, but these were unfortunately for it too many. Its taste is four, and it contains some of the distitled and of the Fire. ... D' Eullen says that it is aften valuable, that it appears to strenthen the lone of the slomach, to excite appelite, promote digestion, and to cure all the Symptoms of Dyspesia. at the same time says her it manifestly promotes the excellions particularly that of unine. I found it usefull in Jeany. Its divisetic effects may perhaps be advantageous here; This finishes the Conifera. I shall speak of some Hemer lands which resemble the Coniferco, but which are not the product of Conferous Trees. Balsam Capaivæ Is an important medicine, and much resembles Surpentine. It is the produce of a Thee called Capación. It has been recommended in electation of the Tungs, but here it is very much like Surpentine. Dr Tothergill, and Mr Home dis approve of it, but In Timmonot recommends the Balsam

Minha unight

Baloum in the suppuration Stage of Phisis. Of Tothergill seems to have understood the mature of the disease: and I refer you to him. The Capound has been frequently used in gleets, and here it is a very important mediane. Tike Surpentine it sits better upon the flomach when given in a little wine, to the extent of gtts XouXX, two or three limes a day, in this way too patients will take it better; Dobullen did not succeed in this practice. It has likewise been employed in gonowhad internally, and injection in the West Indies, I have never used it internally in recent gonowhard but I have in old cases ... I employ the Balsam injection R. Calomel go - IV ad VIII Balsam Copairica gtts XXX act 1 · Coum arabic ... 31/ fs Water ZvIII vel X. m. These should be subbed down together, and a syringe full injected from four to five times a clay. This is usefull in old cases of gonorhoed whethe generous diet. but in recent cases it is injurious. porter xxx Coulden says that this Balsam is usefull in Hoomon -- hoids from glts XX to Xv three or four times a day In this coise, I think it acts as a laxative, Thave used it with a very good effect in gout, when the patient could no longer use quiacum.

AND THE SHELL OF THE PERSON OF THE STATE OF THE SHELL OF defell in with party of mount as a set the great will last

Balsam of Peru This was a strong flavour, and is very aired; and is the most powerfull that is employed in practice, it is obtained from a tree growing in Perio called the Balsanum perusinanum; that which is in the Shops of this Country is made by boiling the branches in water, it is of a blackish red colour, and and acid taste: It contains an efsential oil, which appears to be the Bezoine and Van Sweetein employed this balsam in Wounds, and tendons: Dr Sydenham used it as a baxative, and conthatic in colice pictonum. Weintroff exhibited it is Pulmonary consumption; In one of the cases of consumption of the kind which Sydenham rured by riding on horse back, I effected a cure by a moderate det, and the use of the Balsam of Lene. uddaddm. This is an article deserving of atten-- trand It is produced from the tree called quiacum cofficinalis, growing in South america, and the West Indies: The wood is hard and compact of is so heavy that it sinks in water, the outer part is Gellow, the heart of a dark colour. It is the common Tignum Vitco, it has no smell unless heated or raspect, its pungency is in the resinous matter and is extracted by proof spirits, or water.

Bellowing and CHALLENDAY)

)129 Toon after the discovery of america the quanum was used in the venereal disease the Europeans having applied to the Indians: It is improperly called gum guacum, for it is a gum resin, It is brought to us in large prable makes, sometimes mixed with peices of the Lignim vitoo, It was brought into Europe very soon after The discovery of america, and was considered as the only remedy for the veneral disease, this disease once appeared as an epidemicin Europe, and the gonorhaed did not appear till bo Years after. It is not much used in the veneral disease at present, but it is still employed by some of European practitioners. -Benjamin Bell, used it, and thought very highly of it, he said that it removed the veneral blotches, and ulcers on the skin, this was the principle form in which the disease Just appeared, and it seems probable at that time that the remedy was more effectual than at present: It appears to me that the veneral disease was not only introduced from america into Europe, but that it was even unknown in the New World. It is nearly another form of Tepra. on In gouly affections it has been much employed by Mr. Emingon of the Island of Martingue, his Recipe is as follows. SR. Guacum powdered __ Zii " New Rum pts 111. m. Tet it stand in the sun for two or three days in a bottle, nearly fell it up from time to time, with fresh rum,

The state of the s Section of the sectio AND THE RESIDENCE OF THE PARTY The second secon the second secon man hand with the same of the last the same of the same

Then fittee, and keep it in well stopped bottles: The dose is a table spoon full in the morning fasting). Dr. Dawson has recommended the quacum in different Jams but chiefly in that of The Woldtile Sinctura R. Timple Timel qui acum 3/V. Compound Spirits of anmoniae Dawson gave barger doses of this than his prederefors, for he gave it to the extent of Ziii. Benerally the proper dose to begin with is about Zi three times a day, and in -- crease it gradually till it is often disagreeable to the patient, and in Such cases the unfole asant taste of the medicine may be in agreat measure modified by an equal quantity of milk Di Cullen thinks it a dangerous medicine in gout, and very probably, Dowson thought too highly of it. Yout is a more mild disease in the West Indies than Europe, It often terminates of itself in Hy drathorax. I have often used the quacim in asthamatism, but in doubtfull cases, I exhibit the watery preparation. In acute Aheumatism I have used this; which is Burger's prepar ation St. Gum guracum Gum arabie 211 internately rubled

Gum anabix Zii internately subted Sugar Zii internately subted Sugar Zix m. f.

The dose is two table spoonfulls & day; I would not employ the volatite tiriture, when gout is present in the God

All the second sections of the second section of the second section of the second section of the second section sectio the second party where I have the second the second will be the second to the second the second to t A first transfer of the section of t which are the second to the second of the se and the second of the second of the second The second state of the second second second

but when it has dissumed the from of a tonic gout, or gout in the Stomash, and where palsy is present I should use it. imm I am informed by Dr. Hewson of this City, that he found the quacium very usefull with the Rubigo Jeni, and red pepper in dyspepsia among the Jusioners in the Cells of the Said: Those patients were troubled with a Coftwerefs: My usual form of exhibiting the guacum is R. Soaf Sugar Gum Guaicum \ Zfs. Water 3x The mixture assumes a beautifull green colour, at the end of 24 hours. This them down together, The close is a table spoonfull, your, or six times In colica Juctonum I have advantageously used the guicieum in the above form. It operates as and universal stimulant. ... Dr. John Fothergill has also used it in this disease: "He says he knows nothing so effectual in restoring the use of the limbs after they have been palsed The volatile tiniture has been exhibited in some cases of dropsy. - Thave no experience in this practice but I suppose it may be usefull from its divertie effects, in some found of the disease. The guacium may be given in powder, or fills to the extent of go XV bene die.

more than he would be not the formation of the second second with the second second second second second second ; white or remain to the contract to the way many the grown was proposed to a proposed arrange the grown control to reach it the stepress, so the own sponsyles your or as some District Contract of the State as in the window of the said to think in the said of the said the state of the s * 11 11 11 11 11 11 the straighton some of the wedges from a married their in many for of the measure. The junior may objust The second of the second of the second of the

(132) Myrrh. This is a gum resin of a fragmant smell, and only drometic smell, and better taste. Mr Bruce has rendered it probable that it is obtained from a species of a sensitive plant, It is a Stimulant, and in small quantities promotes appetite and digestion, but in large ones, it promotes heat and frequency of the pulse, the mixture of myrrh, Potash, and List Sulphate of Jun is an excellent the fits of asthma. It has been used in intermittents in combination with the bark. _ Dr. John aimstrong was in the habit of employing Is every three or your hours. In angina Maligna the Myrrh has been much employed, and also in combination with bark. From its pertoral qualities it has been employed in the suppercition Stage of Phisis Pulmonalis: In the inflammatory stage of Phisis Dr. Sounders thinks it too acrice, but when The disease is attended by debitity he thinks it usefull. -Myrch has been used with Tal Marlis in Flysteria. It has been much employed for cleaning foul alcers, but less now than Jornerly: as a balsam it is very acred. Dr. Sy denkam says that he found munch with the proportions From usefull in Febris alba: Dr. Eullen thought that it would be good in that placeidity of the system which attends Retention of the menses; I have employed it here but should think it would be usefull. The virtues of myrrh are extracted by water, and Spirits of wine, but best by the latter, the watery extracts are less aired.

and several terminal of the hicker one ordance to the his in I was in and had Talphale of June is an excellent the work of the state of the state of the state of the state of years has been used with the Dream They bear the kear train much any property for all consists from along but he was their franch; the whatever to the way wer to.

Diliquosa? These are well deserving of attention, and by this term is meant those plants which are Jurnished with a seed vefsel, resembled that of a Horse radish; I shall speak both of the internal, and external use, and first of the latter : I shall speak chiefly of the Mustard and Horse radish. of their Internal use. Berguis, and the other Sweedish Physicians used the mustard seed in intermittents, Berguis combined the unbruised seed with the bank I have employed them with great utility in those inter-= mellents lending to typohus. It is said that the brused seed in Spirits has also been usefull. These plants have been used in Rhoumatism, and in Palsy; in fune chronic Rhoum. = alism they are very proper. The intire musbard seed to about Zii or Ziii two, or three times a day is very usefull, It heals the intestines, purges, and is dunetic, if it is brused it is aft to be emetic, I have used it myself and found it to be beneficial : I have often given 311 of the unbused seed in twenty four hours, and it excites a very pleasant heat in the stomach. The Horse ractish is likewise employed in Rheumatism and Palsy, it is exhibited in wine, but Berguis employed it in a very Tingular manner: He cut it into small peices and took half a table spoonfull

rolling. there testiment use. Somet died and Think has well there was a report on more about they are very furgion the secret marketine seed to when The This time the exterior is they is not respect leaves to it is except to be somether at theme much as saying?" ence from it to the designed at some of the present The of the consumer weed in the the face the way and they are now recovered where his the stander of The Flore welles to a Star it in myrighed in Thermalin and Filey it is explained in view dead stropping conflicted it is a resistance in manner in the end of

134, overy day without chewing it, he found it extremely usefull in arthretic cases. The Sitiguoses and particularly mustand, and Horse Rudish are sometimes usefull in Dropsy; but no withstanding their duiretie qualities, they would be prejudicial in dropsy under vertain circumstances by their stimulating power. Think that dropsy is sometimes owing to a paralytic affection, an extremely lorped state of the Tymphatics; and in such cases these medicines would probably be of service. Di Mead mentions the case of a woman with dropsy of the crasum who was weed by Horse Radish. In scurry the siliquosa, and particularly mustard and Florse Radish, have been of service, here also as in Tropsy they must act by evacuation from the kidneys, and the skin. a strong infusion of the Horse radish in water may be given to the extent of half a fint two or three times a day. In The Siliquoses are taken into the circulation, some of them communicate their taste to the flesh of animals, a weak infusion of mustard in warm water sometimes stops vomiling, perhaps it is most servere able in arthritic vomiting. a has applicable heaped tea spoonfull of mustard to a gill of hot water is the proper proportion, the mustand will subside, and then a tea spoon full of the liquor should be taken every hour. min Externally They are employed with Meal where powerfull effects are to be produced: Two parts of freshly

flest of manials, in some influence of exceeding to many more alle for as their a sometings and the comprise assembled the basis coming there were surrounded in Extinuity. James The Sugar Anna Street

(35)

peshly powdered Mustard and one of Rye med are mixed together with vinegar, This makes the skin red and causes great pour, and if kept long enough it causes a separation of the Epidenmus: If we do not however wish it to act so powerfully we may use smaller proportions of mustand, and may make it up with mith. Externally applied Horse radish, and mustard stimulate the part of the system more than canthaudes, and more quickly. They Thowever fail of acting as a blister, and this good can = Tharides never do. The mustard and Horse radish operate entirely by their stimutaling qualities. In dentition I have Jequently removed The convulsions Extremely well by sincepisms (without depending) of these substances applied to the wist, and ancles, and in convulsions from small por; I immediately apply Tinapisms, without depending upone Tandanum. Thave Kept off paraxysms of Epilepsy by the applica-- tion of strong Sindperms about two hours before the expected paroxism. In hives I have employed strong mustand sinapisms of the anterior part of the neck, and found them better than blisters, They operate in about one tenth part of the time. In angenia Tearlatine they promote a separation of the gangrenous parts, They have been also supposed to have some effect on the genital organs, restoring their Vivile powers There are some cases of Deathness in which Sinipasms of the Siliquosa to the ankles have done good, they were eceses of the arthuritie kind, and are sometimes relieved by cupping &c. but sinapisms are of greater use

Tower accounts to great me trans transmitted the from of the all the second states and the world was to see the second In contition was proportioned and The last remaining, sal mandowned prosperiously the The state of the s there of severy extensioned about the time a reposition merican semilares of the major for a for a place of

In Cholera Morbus, we generally give Jan - danum with safety, but tately, were the disease has been more violent I have employed sinapisms and given opium in other forms, since I have a dapted this practice I have never lost an a dult patient with this disease. In Vertigo I have used them with great advantage, and have experienced their good effects in my own person, for I have pequently kept off the vertigo by these me uns. They are however often precurious remedies, especi = ally when applied to parts which are affected with pain. I once saw a case of violent frain in the Ridneys, which by the application of Sinapisms to the seat of pain was translated to the bladder producing distressing stranguary and bloody unie; It was entirely removed however by the application of Them to the ankles: This remark also applies in some measure to Blisters . _ In artheritie Strangerary blisters are very serviceable, but when Stranguary is induced by blisters, I use sinapisms to the ankle or wrists, and know of no remedy which is more effectual, I have known them in one case, that of a Sudy to remove this dishefsing affection in Jorty minites: In Cholera Morbus no time is to be lost, I have recourse immediately to the use of Sinapisms to the calves of the legs, or to the ankles, and at the same time I am not sparing of Landanum, since adopting this practice I have not lost a single adult patient with Cholera Sincepisms have sometimes been employed to prevent the paroxysms of an Intermittent. Blisters have also been used for the same purpose, but I think the former better, because they are more powerfull, more uniform, and we can produce their effects nearer the time of the expected paroxysms,

and the second of the second o the grant set . They was the many in the contract the second to the second second second second second second why willie applicate in fine where we appeared were present The raw it is to the summer people as seemed the state of the seems to the as been they are made of the supplement and the supplement would be por does it subject the patient to pain for so long a time. In retro decent or inegular fout they have seemed to produce very abarming effects or symptoms. The Bran obtained in making the powdered mustard, is usefull. One handfull of it put into three gallons of water, to which it commu
= nucites a mild stimulating power; In this the foot may be

radish in water in Sauvy. There is an Agua sinapia in the Edenburgh Dispensary, which is a warm cordial medicine.

Mliacea. (od)

These are less stimulant than the Siligiossa, and are allied by their medical affinity to the Office Faction, and announce: They take their name from the alluim or garlie. All the garlies, and the onions are included in this order, but I believe the garlies and the leeks to be the most (powerfull) worthy of attention, I am not to speak of them as artisles of diet, but will observe that they are very stimulating, and proper for the robust and belowing part of Society: They are likewise nutritious and usefull as condiments, to other classes.

mould be mitale through the many the the other for one, to Minist having your general property asserted asserted or not having any his wife

Allium Datum This has all the properties which have been mentioned above, and its powers are greatest in the wot, Its small is pungent, and resides in an essential oil which is and boiling: It's activity is proved by its designated by effects when applied to the body. If it is brused and laid on the Skin, it reddens it, and if Continued produces a blister which is longer in healing than one produced by flies; very few are able to sleeps under the operation of this application. The Stimulus given by garlie is less than that of flies or of the Tilo que soo . Taken into the Stomach it acts as a Stimulus there, and promotes digestion. It often passes off by the persperation, giving its odown to that excretion; It stimulates the pulse, and therefore must be improper, especially in large doses, in inflammatory diseases. Its Stimulus is diffused over the whole system very readily and extensively; It is a duretie and Dr. Sydenham has weed Dropsils with it. Donald Munro has cured some cases with the juice of the Seek . Garlie pervades the minutest vefsels of the system as appears in issues or Ellers, I should think therefore that it would be proper in those cases of Dropsy where the circulation is languid, and in those which are unattended by Fever. It would I think prove usefull in Tourvy: Dr. Find recommends it both as a means of prevention from it, and as a cure for the desease when Garlie promotes the secretion of the Sungs, and therefore in asthma and other diseases in which exporants are required, garlie will be found usefull even applied to the

Juliani) the same the same of the house he was few the shirt of a second to have given a sind age where it is the way and we have the Marines in wife and The transfer of the many was a series of the second of the and I want from the manual it which of spiriture in were the leader of the one of water for more leaves because Extenses were sometime to the extense care commissioned in the The world stated from any way were experience the time of word place westered in which as forward was described greeter and to find a greet the greet of flow to the

139 I have witnessed a case in which the patient was unable to lie down, and her lungs were changed with mucus, which was relieved by garlie. It prevents the recurrence of the paroxypus of Intermettents. Burgies says that it has weed Swartons, beginning with one clove every morning, and Evening, and increasing gradually: After the cure is effected the quantity is to be gradually diminished. Burgies used the garlie also in Rheumatic Deafness, he directs the ball made by a Tilk worm to be dipped into the juice of garlie, and pushed into the ear, It acts I think by restoring the sensibility and secretion of the organ, I have been enformed that the same application has cured violent Ear-aches, here it probably probably acts like a blister in tooth ache, I think it might be usefull if confina continued long enough in glandular diseases: It is hardly worth while to say that the juice of garlie is praised for making the hair grow longer and in lærger gwantities. mmm In me decine garlie is used in different forms, sometimes a Clove is dipped in oil and swalled, in this form it does not heat the stomach so much as in others, some persons however cannot swallow whole cloves, and then they are cut down into smaller peices, and thus easily taken. It is sometimes made into an.

Laddie Marie in Burger and white the his manage and were the I for an easily the goodier will range them with Indicate the haste weath he as will write to the grant Constitution to produce by formerly and they we white in both who, I have it ingold to weight foreigne a being it about not heart the steamen in mach as in other, consoperan Successed and the survey of the court in the survey as interest.

Alsa Fætida. This comes in with propriety after the Alleacece, It is a faction concrete juice obtained from a large umbeldiferous plant like the Jennel. The june is obtained from the root of the plant and hardened in the sun, Asa Tetida has a beller acrid pungent taste with a strong smell which is a good test of its power; Its active principles rescile in its volatile points, and therefore it suffers by keeping; It is not a gum, but a gum resin, and is well enlitted to attention: It is the most powerfull of the faction gums that are used in practice more Bergins has exhibited it in Intermittents, and found it not usefull in recent cases, but in obstinate ones it performed some weres when combined with the bark. It has been employed in Mervous diseases and is useful in Spasmodic affections of the stomach, also in Dyspepsia; and also of advantage in flatulent Cholic: Dr. bullen thinks that it penetrates the nerves more than any other medicine, and therefore he found it a good antispasmodic. manne Mr. Berthollin says he has used it Epilepsy, and derived great satisfaction from it in this, as well as in some other nervous affections; as in wood Thorea and maria, he gave it in large closes In the Spasmodie asthma of Children Afsa Factida chas often been extremely usefull: It would Obe well for you to read Dr. Millers observations on this subject; and those of Br. Rush on

" willing 11811 . The come is with proporty after the e Alleitere . He is no for toto come with finish allement from a obtained from the root of the plant and hardeness in thed in When I so the There we halled never hereigh have some the will a include survey is a good to to go the forest of all asteres from the excell in the reducible final markether in it in first the stay on it in first the Santa la gours it agest ashermore in all mounts a Mr. Beathall in source the Lever word of Friggy in destroyed your nationalist freeling from the the will as in some other morner affections; as in taked Exercic and mureas, he gover it in large destinant was and the the stantier marie at them of the Upon Fortedia that often since of somety angule. It concilate in dearest The Dealles or Steward has no other way is to and thing of It Huse in

L'Miller gave it by the mouth, and also in the fam of a glyster, and found no medicine more usefull, The did not however confide to the Asa Fetida, but during the remissions of the spasms, threw in the back to strengthen the lungs; Dr Kuhn of Tancaster used it in injections, and was not very nice as to the quantity throwing up about Zi in Ziv in water; I have also employed The afra Folida but not alone. There is another disease, The in which it has been employed; here the excretions must be kept up, and therefore the squills combined with Ummoniac be teapot sofor are usefull, but the combination of Asa Foetida of the oxmet of squills is better. De Johnson of Worrester used it here, he exhibited the bank, and between The doses the gave a large spronfull of a strong infusion of Usa Faticla. This is different from the Croup of our Country. The patient at first has the symptoms of Searlatina angi-= nosa, but the disease seems to descend the Teacher, and is often fatal, See Dr. Johnson's publication and a paper of Dr. Bards on this subject in the first volume of the Medical Transactions of Philadelphia. min Asa Foetida has likewise been employed in the common spasmodic asthma; all the fatice gums enter the lungs and act as expectorants, but none are better than this, It is not however sufficiently powerfull alone, but is very properly combined with other substances, It is said to prevent and remove the disagreeable effects of Chum! Dr. Muno gave it for this purpose in combination with spicites It prevents the chill head ache which that substance alone is apt to cause

there in the such to seringly the though it will be the or the series a many people by some desiral with about a successful to the same 0 (142)

It acts as a lexative with very delicate women. I have known two, or three grains to act in this manner upon such people: Di Miller thinks it a good laxative with these and old people. Asa Fortida has sometimes excited a Salwation. of late it has been used in Carrels of the Bones. MrBlock, a Sew Doctor, has advised Afra Faticla Zi and Camphor I' to be mixed together with sugar, and that 31 of this mixture should be taken morning and evening, he says he curied a Caries of the humeries by this method, and it has been recommended by other Physicians. Mr. Houghland found it usefull in caries proceeding from Syphilis, but in the other species he has not found it usefull. Dishippen tried it in the Tennsylvania Hospital in Caries from Syphilis, but without success. minimum It is a very proper Substance to make experiments with on the subject of absorption. Afsa Foliola is employed in various forms. In the solid form, in pills, or in solution: It is best however in Tiniture as in the Spiritus volatitis of the Edenburgh Dispensatory I frequently rub down about zi of it with zvi ov visi of water, and some Gum arabic, and water.

Gum Ammoniac.

This is a peculiar Cum resin, has little of the Getico oclour, and therefore Eutlen thinks its powers inconsiderable. I have employed it but lettle. Dr. Wistan thinks it highly of it in asthma.

Said Low of the Burrendragues Rodeline at Electric House in the objected intelled of the lientings Information of frequently are desire want Till it wish in it is a son MINE MINE MINE

Himulating Evacuents.

Onhines are those substances which create a discharge from the nose either of muscus or of a thinner fluid. This evaluation is frequently allended with sneezing, but is often without it, Dr. Cullen thinks that their producing this effects only implies that they stimulate more strongly. -Their effects is sometimes only to restore the natural secretions, but they often increase it, and continue it for some time, even for a few days. They are therefore often usefull even in Rheumatic affections of the neighbouring muscles, in congestions of the head, near the mose &c. Dr. Bullen however thinks that they may affect the whole head. They are generally thought to act topically. Writers do not in general suppose that when taken into the Stomach they produce sneezing. In my opinion however they frequently do so, though not always. On this Subject I will refer you to my Paper in the fifth volume of the Philosophical Transactions of Philadelphia men of the diseases in which Errhines -are used In Hydrocephalus enternus they have been employed. De Quin says nothing of Sternutatories in this descase. Dr. Patterson thinks that before exhibiting them some precoution should be taken; he thinks them most proper

Himmoling Commines. Comment. of the diseases in which origins -cert 11866. ... To suffer outstanding unter miles in how in intepolaries the Line days nothing of Maintained or the server. Dr. Palleion thinks that he for extitling them some nestion should be taken; in theory when next frome

144 in the first stage, and perhaps they are not at all usefull in an advanced one. _ Do Percival found themselves usefull. I have never employed them in this desease where it dffected children, but I have in the cases of adults: I consider them as safe, and perhaps usefull. ... Errhines and particularly mercurial ones might be employed in Epilepsy where it is attended by congestion of the head, without an affection of the mind. - I used the Terbeth mineral in one case in the Tennsylvania Hospital to considerable advantage. It produced a Talivation. ... In some cases of Deafness they might always be employed: I am not capable of pointing out the different species of deafness. It proceeds however from a variety of causes, one of which is an affection of the Gustachian tute and generally arrises from what is called catching Cold. which produces an Inflamation, and swelling of that tute. This species is characterised by a noise heard by the patient similar to the sound of boiling water, the roaning of wind, or of distant Thunder; I have always observed this to proceed from cold, and from Jevers, where there is a a congestion of Blood in the head . I believe it to be owing to an increased sensibility in the organ of hearing, and is I think anable. Blisters applied to the master's process, cupping, and bleeding from the arm, purgatives, and warm Hance night Caps, are all very usefull. In this species of Deafness

Dr. Sims thinks that Einshines are more usefull than

any thing else.

was preferance from processes into hope the good going them, good one in inclination of the second s at experience of which is the first the first the me there we want the secret we have be superior and who we The since weathered an affection of the means. There is all the second commended the account of buttery waterless misses of process or of dictions Therein a literie about a decirio the se fluorise there would a cotton a state a stranger of appear and blading from the asso fungaciones associament server asphil apt are all may explain . In the inferior of it edjorg

143 In Gutta Serena Enhines have often been found usefull. This is pequently an incurable disease, and is as proved by difsections, sometimes owing to humours in the brown pressing on the optic nerve, Weir has in this disease used a stimulatory of a mercurial nature composed of Terbinth, mineral &c. so I have employed this, and thought it usefull in one case. In another however where I gave it a fair trial it did no good; In this case the pupil was completely blind; It would seem that these remedies would do more good in some cases than in others, when the disease depends on Typhilis no dependence is to be placed on Enhines, but in some other species they are well recommended; Mu Lavage mentions a species in which he says Enhines diel good, This kind of Gutta Lerend arrises sometimes from a suppression of the menses, and some -- times appears in pregnant women. In the amourisis from sugar of lead They would probably do no good, some authors afsert that hot rice produces amaurisis. The Chinese ext this substance in very large quantities, and very hot, and they are very subject to the disease. In two instances I have seen a Salivation induced Terbeth mineral in common snuff. In one of these a Salivation had been in vain attempted by other means. These are not solitary instances, for others are men! - tioned by Dr Bookaave, they are important Practical facts.

are others, when the discuss depends on test he he me repaired in men we place set to method for a pay some server Concert Theorem in Josephine C. Lament To the the Downson from sugar and no produce describer. The Whomes and this industries in very harrer guardities, and way hat, and herewarding alout the the recover . In less indiances of him some menyes . . There were not vollary instrumer, for they are mentimed by In Brokewine, they are important of Rachard Jule.

Particular Errhines Beta vulgaris __ Common Beet. 3 This is mentioned by writers as a and among others by Dr. Culten; he says that the juice snuffed up in his trials gave no barge, or durable exacuations. The powdered root of the Beet is likewise an Enhine. ... - Every part of the Tilly valley is Enhine. ... Asarabacca. This is a powerfull Errhine, is com mon about the hills of Philadelphia, and is called browns foot, and wild ginger. This is the basis of the pulvis Stermulatorius of the Sondon and Edenburgh Colleges . . Di Gullen says that three grains of it is a proper dose, and that four grains make be good snuff. un more The common Squills is considered Enhine. Poke root. The powder of the root of the common Poke of this Country is also an Errhine.

Por tientar Commis This is mentioned by wider as as and coming other by in taller , he may that The fine can feel up is he hade gave no trage or derable ... commence. The promotional wat of the But is leterine in Endings - Court fruit of the Lilly worthy is brishing A smalaca. men about the Field of a Wales Sulphia, wind to called brown for and widel georges . This is the basis of the follow Flerendalings of the Dondon and Edwards Colleges . w. I' tullen says that there grains of it is a fresper date, and that you grain House good for your Squills. The wet. The fairless of the wint of the common I'm of their director as who was the same -

Johacco The powder of Tobacco is considerably Enhine, but custom renders it useless as a stermutatory It still how -- evers continues to occasion a discharge, Dr. Cullen says, and I agree with him, that it is dangerous to leave off baking snuff suddenly, after having been accustomed to take it, especially for those who have short necks, and are subject to confusion of thoughts; It is proper that both Patients and Physicians recollect this, since the sudden abstinence from snuff might include gout, and dimmness of sight. Inuff is not a simple powder of Tobacco, but I have Heard it is a dutterated with powdered glass to render it more writating to the collows noses of our Ladies and Gentlemen? confumed Inuff takers. Sal ammonicie and Potash are certainly actoled. The following observation of Dobutten deserves attention: " Among other effects of exceps of Snuffing I have found all the symptions of Dyspepsia induced by it; These were relieved by abstaining from the article. Mr. Lone has given it as his opinion, that the frequent use of snuff has given rise to an increase of nervous affections, he mentions also that Municies like snuff; which they have loathed in lucid periods, and from this draws an inference, that it is suited to the cure of Mania; Think the use of Snuff as taken by both sexes the most preposterous and vicious habit, and that it is prejudicial in persons who are desposed to Melancholia; but I cannot go quite so far as Mr Love, and think that nervous affections are more com-- mon at present than they were in anticient times . . Inuff of

The green of where a consider of my affectioned in the contract of some of the sound the and were appearing from my the will be well and appeared and of winds a line of some of freedow of Turner and I placed inflicting to the critical motor of consciouses were the finance were great grown successioning good a control thing will be which action is the fishering remarks of I love the ver allen lion . The way this affect of except of their The second will the sand teacher of Superfection water so The way a derived by a containing from the contains a man enthroughous their growing with my freezen that the fragment out I would seem have not been to the some was the seems of more than a ter montering and their observant date court wind the contract in their freeze, and flower the decina con soften for it is smith to the new of Minner; at that the see of In If as to have by him some the most proportioned when separa to Windowheles had Sommer go quite so for in correction and them that remain affection are necessary from a propert three they present and view land . I will I Tobacco and the Indian Turnip is said to be usefull in Amaurosis. Condour obliges me to confess that the use of Tobacco does not offee as to be unforourable to old age. _
Mumerous instances have been collected of persons who have assistenced both to Gruffing, and Chewing. _ Sir John Sinclair has made some engunes upon this subject, and found that the greater number of old persons whom he met had employed Tobacco; he did not however infer from this that the Tobacco induced old age, but that it does not prevent it. Inuff however should certainly be avoided by all those who

The powdered leaves of the fox of both it and Tobacco indue a discharge, It is not however employed in practice as an Enhine, and I mention it only as a matter of emissity.

I shall now speak of the more Arrive and powerful Glafs of these medicines.

wish to shine as public speakers, as it indutitably injures

The voice, renders it nasal, and destroys its melody. -

OUMNOVIUM Officemalle Service of which, this is one, are aft even in moderate closes to inflame the nose, and that to a considerable degree, this is often

Instance and the Loudson Survey is avoid to sa way the in to make my the way of the man of the sent of the me it Tobonies donne of fairs to the unformented to other age. humanes in lances from a few or Heilent of persons who have mined out a grown size, over wise trace them a long home. weed in gath to grant wind provide a francisco provide Tempour tour much some conqueres upon this surgail, and france that They greatly superfice of orbit present wishers being i in conference Towners to sent most however engle form the and the Topices in duesdoct of a few that the tole sier me prome Small however should entering the wooded to the thorn out with to where our proteer of waters, as it conducted with enquire the write resident it much area destroys at mucay in igitalis Freely more off it grades now payed in a proverful belast of these maderial . some Cuphertum Chicinal

ften communicated to the adjoining part, and not to those only, but to all the branches of the external carotio, so that the whole teguments of the head are swelled, he thinks that the Euphorbium would enhance the value of the Asaum, and the Tobaxco. Weir in Gutta Serence gave such doses of the Eiphorbium as to produce hemorrhage, I have employed it as a sufefacient in the fam of sinapisms. I have employed it as a sufefacient in the fam of sinapisms. Contaracts, removed by given it in snuff, he may have been deceived,

but the thing is not impossible. This substance would not as a (stimulant) stimulus to the lymphateis. The white Hellebore is an extremely powerfull Enhine.

Relenium Jutumnale.

This is a Mative of the United States, in Ninginia it is known by the name of the Greene weed; It has Bellow flowers, and somes forth in Autumn, applied to the nose it finduces greater effects than the same quantity of som = mon snuff, It would make a good medical snuff.

White Vitriol.

Solution of white Vitriol in, water snuffect up the mose, is said to act as an Enhine, but I have never used it. In my opinion these medicines, the Enhines, have been too much neglected: They have been found usefull in incipient cases of Eutoract, in Tooth ache, and in

The same of the same was the same france for the same same was the Metennian - tulumille ... mile titul Escence to where to much my what They have low force and literar inspired reas of Enterior in Fresh dehe and in 150.

Gutta Serena, and also in affections of the sensonum; Sneezing is often a favourable symptom in many diseases. Malagogues. By the term Sicil agogues we mean such medicines as produce a discharge from the Salivary glands; they are divided into the external, and internal. The external Tidlagogues. These are substances as applied to the surface of the mouth, slimulate the glands, and induce them to discharge. They may be usefull in some Rheumatic affections, as tooth ache, and bongestion. Pellitory of Spain. unthemis I pyrethreim Tooth ache, and is the most powerfull of the Sicilogoques, applied to the nose in the shape of Snuff, it induces sneezing. Tobacco. Is a Sidlagoque as is evinced by chewing? Master wort. This acts in the same manner. Horse Raddish. Dr. Cullen mentions the root of this article, as belonging to the class of Suchago ques.

milagigues Market State of the State of th

Camphor: Produces a flow of Saliva, and thereby cures the Tooth ache! Lanthoxyllum Or the american Tooth ache tree, a native of Peensylvania, is perhaps one of the most powerfull of this Class, Its power resides in the Bark, and leaves: It has been used by the Indians in Syphilis: I have employed it beneficially in Palsy . -Tenera. This is an active article of the Class of Tialagogues; if the root be chewed for a few minutes it produces heat, and a copious discharge of Taliva: This I suppose would be the most effectual of-The external sialago que, in Tooth ache &c. This Jinishes the external Tialagogues. The next article we are to treat of, and the only one of the class is used both internally, and externally. Mercury. I shall pass over the natural history of This metallie body, the most usefull of all medicines; and proceed to lay before you such observations as are more suited to the subject of the Materia Medica. Pure running Mercury is destitute of airmony, has not no taste or smell, and is absolutely inert upon the human body except by its weight. It is said to have been for years in the bones and flesh without producing any effect. ... But we must doubt these (effects) facts. __ I believe that under certain circumstances Mercury, when taken into the stomach

NOINERU. and the properties have been been been the same that the same of the same of the same of the Miring. I That remining extending it desibled in the remining I not be the healt in denettly and is activelially event lefter the

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Under an Idea that it possessed some other power besides its weight, it was once a practice in Britain to take it every morning pure, but this practice is of course now in disuse. ... When fure quick silver is taken into the stomach it passes rapidly through the intestence lube, unaltered, and without producing any effect. an anecdote is related of a Tewels in London, who was for some secret purpose in the habit of taking quiksilver, and going one night to a ball, where she danced, the metal was next day Yound on the floor of the room. In order to render Mercury usefull as a medicine it is requisite that its form should be changed; and the modes of accomplishing this are various: Di Gullen has confined them to four heads; viz. Evaporation, Calcination, Tuturation, and union with acids. By agitating pure Mercury for some time in water, the water becomes dark, and finally black, and a preparation is furnished which posseses considerable powers, and which might be usefull. .. This Mercurial water kills Earth and Sape worms; and in my opinion an oxide is Jonned by the agitation. It has indeed been denied that Mercury is at all soluble in water, but it certainly communicates some of its properties to the fluid. and I think from my own experiments that it is in some measure soluble in water, although we cannot measure the lofs by weighing the Mercury. monnimmer In speaking of the different methods for exciting scalination, I must not omit that of exposure to the Jurnes, of Cinnabar, made by throwing that substance upon live coals, these Jumes are applied to the surface of old venereal sores, and particularly those situated, in the mouth, or fauces by inhaling the Jumes: This is a most powerfull method of exciting salivation, sometimes producing that effect in three hours.

the said to which when the second to make the said to the second water disconsideration of a negacitie standard plant and plant a land of medicing of all has smithed in the standard building a will not sell substance in his sell such than a confidence in surround to the said the The farmer of the manual to the fact the fact of the second of the secon you has every store from our war applied to the way her of the summer was finish to be with the standard and the mande of facility

153-The preparation of Mercury which are formed by Triture are milder than those made by combining it with acids. Mr. Plenck of Vienna recommends the following Plenchs Tolution R. Pure Quicksilver 31 Gum arabic _____ 311 Tirturate logether, then add gradually __ Water two spoon fulls Typup Ifs .. close two spoon -Julls every two hours. - Plench says that this is very good, though I am inclined to think that he has uscribed too much to it. It is however an excellent preparation in Venerell sore throat, where the part is tender and cannot bear the saline preparation. But it often includes a Plyatism: Thave used it as a gargle in Scartatina Angenosa. One of the most important of our metal preparations is the Blue full, or Mercurial foil. This is Mercury divided by long biturcation with gum arabie. Ox gall is an excellent substitute to divide the Mercury; The blue pill is an excellent fireparation, it often succeeds, when other forms of Mercury will not, and does not pass off by stool as some other preparations, but the apothecaries do not biturale the Mercury sufficiently. The Ungentum mercurialum, is made by mixing mercury with hogs land, and a small proportion of such; here are two kinds, the one, when one part only of the Murcury is added to the uncluous matter in the same proportion. The other when two, three, or four parts of it are added to the same (one) proportion of Mercury; This of course is ap weaker Kind . In some cases Mercurial ointment may be

Witted Constitution for part is directed from said carrier in with salared The same of the state of the same of the s the state of the second The second of the second secon The same in I frequentially whatevery all was a re-Carper Since S. Was discounted they want a continue of the

properly mixed with a tittle turpentine, and it is to its containing) a portion of this substance that the fitting, which the ointment produces is owing . .. Mercurial ountment made with the mercury and hogsland only will be sufficient in the winter, but in the Summer this would mett and disengage part of the mercury. ... Mr. Delaney proposes to rut the quicksilver with rancial olive oil, he used Zi of the oil to Us of the quicksilver, and afterwards added the hogsland. If as much mercurial vintment as conlains from Zi to Zifs of the mercury be subbed on the skin, it generally produces a Salivation in Twenty Join hours, but in some persons it operates sooner. It has been said that this cintment acts as well if it be merely spread upon the surface of the skin: It is better in my opinion however that to obtain its effects it must be well subsed in untill the whole disappears, and I therefore think that the ointment spread upon leather is totally inert. It is better before triturating the Mercury with hogsbard, to agitate it previously with rancid olive oil. The preparations of Meruny which are formed by calcination were formerly esteemed, but now considered as unimportant, according to calcination only places quickselver in a condition in which it can be acted upon by the stomach. I am now to speak of the saline fire-- parations of Mercury or its union with the acids, and first with the Sulphurio acid. These are not unimportant

and hope and andy me to in sufficient me of the securities than in any - - - and Delivery proposes to and the quiet him it growerly fractions contrated in me character from the first a Paperery with hospituse to aspetite it premisely will various The Mile Samueller with a more more companies (155

The most powerful is the Surpeth Mineral. This must be given in small doses, from one, to three or four grains. Where it is well prepared four grains are said to promote vometing; Formerly it was given with opium to nauseate: It was also com-- bined with guiacum for the purpose of determining to the skin. I have already mentioned that I have employed this me di = - cine with actuantage in Epilepsy and in Gutto Serena; and shall say more of it when treating of Emetics. I Child of five years old will be immediately pushed by a close of two grains; For Children of a more advanced age we must gradually increase the dose. in With the Muriatic acid Mercury Yours the Coursive Sublimate. This is one of the most im _ porbant preparations, the D. Cullen, and the German Phisians do not think highly of it. The tatter indeed, and particularly Branibilla of Vienna, think it an injurious medicine. I have frequently employed it and I think that in one respect it is preserable to Calomet, i.e that it is more manageable. When Children are infected with the venereal disease, I have employed corrosive sublimate with more advantage than any other medicine: I rub it down with gum arabic, and Jugar, and to prevent its purging I add Landamin, I begin with small doses in milk, increase graduately and continue for a conside, = rable time. It is more certain with such patients than Calomet. Calomel is more mild than the corrosive Sublimate, but I have found it the most unmanage whe of the preparations of Mercury. It is a mild muriale of that

enging and interesting of the taking and in Epite Grand and Shill now your of the writer healing of bireties . . I thild it from and the Conserver Sublimater . The sease of the mast miles ne time. I have Enguerathe conflored it instal Shall that in me majarer in it free fire the & the Continued, it is that to is well more definitions tage their one when medicines I had at descripted from a wall is a me to sugar, and to private it. Sudonate and see to charmed a more with the other consec It then at I have there it the out in morning and of the prejurations of a Hearing, all is a wild mariste of that With the Mithie Aried Mercury forms some important some important preparations, The best is the red Oxide, and the red preseptate. This is a very important article externally applied, and I have used it also internally in small closes of 4 of a grain combined with opinin, and gradually increased sometimes to two grains. The Mercurius of Dr. Black, has been much used, it is made by dissolving Mercury in the Mitrie acid, and precipitating by means of ammonia; I have never employed it, but its reputation in Europe is great.

Dr. Sander's preparation is made by ficuring on the precipitate above mentioned, some Spirits of wine and setting it on fire.

Dr. Wards while drops are thus prepared.

It appears therefore that these drops are a solution of Mercury in the Mitrie acid, and is a very mild preparation. The French Phisicians are very prejudiced against the Mitrie solution of Mercury. I can say nothing of it from experience.

Ungentum citrinum R. Mercury - 31 Nitrie and 311

Four this Solution heated into Sand &1. This it up briskly united a yellow substance is obtained.

never employed at the state at the for the grants of women and setting it in plain were and reference there is the water of the secretion of the Land many The it of his , in let a given about a colonied

Dr. Hebberdeen says that it has been subbed over the whole face without induring a Salivation, this how-- ever is contrary to my own openion. amin Tately the Hydrargyrum Phosphoratum has been much praised, and it is said to be useful in healing Veneral Ulcers, in a few days particularly when they are situated about the Pundenda. It is likewise recommended in inveterate Syphilis, in Exostosis, and in Chronic complaints of the skin. It is very active and must be used with great courtion, for it excites vomiting even in the close of one quain. Thave not employed it, but it is recommended to be exhibited in the following manner. R. Phosphate of Mercury gr IV Sowdered Benjamon go XII. M.f. in dose Viii The Borate of Mercury is not in use in this Country. Thave now finished the consideration of the prepara -- tions of Mercury; and now proceed to treat of the diseases in which this invaluable article is used. Of Mercury as a remedy in Rheumatism Thave not much to say, but in some cases of Rheumatism we must refer to it, and some indeed cannot be cured with out it. Mr. Donald Munro employed it, but only where the disease was combined with Syphilis. Many practitioners recommend small doses of canomel at night, I have frequently employed it, and found it useful, but I think that alone, it will not cive genuine Theumatism, though it sometimes will when combined with quiacim.

It have not compleyed it let it it we commonwed to be Of the corner as a supering in flower alien. in march who to the part wine inclosed commit the according The descurrence and complex of said stagetheld, allowing problems Syphilis. I gave it in the Evening, and besides the Meseury I gave Dovers powders. When Rheumatism assumes the form of an intermit tent little dependence can be placed on Alexany for effecting a radical cure. The umatism often appears after stopping Conorrhaece suddenty by about strong adstringent injections, here I need not say that Mercury is useful. The disease often subsides upon a return of the Running; This cuicumstance should induce us to enquire of patients, in whom we suspect this to be the ease, about the previous disease.

In the Eynache Maligna, or Malignant ulcerous sove Throat, Mercury was used in Boston book To Years ago by Dr. Douglass: he used it in the shape of Calomel, and excited a sativation, he is

the second statement of the second was a second of the second second second September of part of an idea descript and development beautiful of your de so treate of the Theorem of a white commentance around in later. as to conjudge of fatures, or when we would the in the the rain about his previous disease, was an evaniment a more and dance more good the the delites were some other assures when my Section is the parcent after after after to the faller when and hinder diance concern I & Rocaliffe confedgation again Williams He the server and week their, more thank love theories a year again. a Frederick to my said and when the first fire the distriction that this proved in land can i my you do former proprogrammer. 4. The Experience & Prolience

to have been a long time very successful, and asserts that he found the disease to bear no other evacuation than that by the Salevary glands from Mercury. _ Do Samuel Bard published a paper upon this disease in which he says he thinks mercury the true remedy; he exhibited Calomet with opinin. - Do Jegg published a heale'se in the news papers in which he informs us that his prin-- ciple dependence for the cure of this disease was upon Mercury with Senaka. Upon these authorities I have long given Mercu-- wil purges, they are my favourite ones, I sometimes combine Theo acuanha with the Mercurial in order to induce vomiting too, I often give Turpeth mineral for a puke, and sometimes combine with it Jalap or Rheubart. I have been told that some of the Baltimore Phisicians use as a gargle, a strong solution of Conserve sublimate, and I have no doubt it is well adapted to the disease. The Eynanche Traspealis is one of the most formiclable diseases to which Children are subject, and it is either idiopathic, or symptomatic, It arises from an ulcerous sore throat, or some similar affection, It is not contageous but proceeds, I think from the same cause as yellow fever. ... Edlomet has been prequently used here, and when gwin early it almost certainly prevents a fatal termination of the disease. I frequently combine specacuanha with it: Tome Physicians use Calomel here with a view of salava -= ting, but it is impossible to salivate children under two years of age. I employ it therefore as a Carthartic and an emetic. .. The Corrosive sublimate is likewise employed in Hives by the Maryland Physicians. D. Ouher introduced

. There are no the court papers in which is infunction that his men with them of the reaches the transfer with the second of the second some character and

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This practice, and he recurs to it after the failure of the Sencha, and in advanced cases, where there is no line to be spaced for the Seneka to act, he gives from go. 11 to go. 111 in Zvilion X of water, he says that Menny is a good assistant to the action of the Seneka? Thave not yet tried this practice, I have seen two cases of the Cynanche Trachealis in a dults, one of which was of the most violent kind I ever sew, this was aused by Calomel and Seneka, both of these patients belonged to the same family. In some cases of Scrophula Mercury has been used to advantage. I'M Ruhn employed it in Scrophulous consumption. I believe that Scrophula is frequently owing to a venire al tount, and for this reason I use Menury. But this remedy is proper even when the disease is not owing to that cause. I have seen Scrophulous Turnors yeild to Edomel, and the mercurial ointment. In the Philadelphia Dispensory they use the bath. Temploy the red precipitate externally in this disease. In Europe also Mercury has been employed in Torophula The use of Mercury in Fevers is quite an antient practice; It was employed in Jevers in the 17 " Century: Sydenham has not left any memorander of consequence respecting it, but Radeliff was in the habits of employing it here as well as in Consumption of the Jungs. In the treatment of an intermittent Shough Mercury is useful, yet I think it improper to use this medicine at first, when they can be auch by other and less objectionable means. It enables us however to employ the Burk more extensively. It appears to be better adapted to Remittents, especially when the Remissions are not frequent, and the exacerbations not violent. But of late I have employed

the section were to war to it wise the judicano of the harden and descended and and the three is no line to explane the for the store to . In the Midne applied Surpersup they must be the South of and presignates a termethy see this cheeses, who timeseed descript in an in the best the of resplaying to him in more and are in Egysteen Policies of The June 15 the this histories of an integralian. expended were the Springler on any line was and produced and piece accordations not short . That of late I have confidence

The Menury less frequent, and found purging, bleeding, and blistering a better practice. Thave not much experience of its practice in Typhus, but I exhibit Mercurial purges in this disease; other physicians have found a Salivation useful in Typhus and particularly by D. Culbush. winner I can say but little of the employment of Mercury in Tellow Jever, but refer your to Dr. Rush who has dwelt largely on the subject: I have lost my confidence in the effacacy of our meclicine in this disease, and it is generally thought less of now than Jonnerly by our Physicians. The West India physicians are divided out on this subject. I have seen it of great effect, and indeed I never lost but one pretient with Gellow Fever whom I was able to salivate. In one case only the patient died the day after a soreness appeared in the mouth; but this was very trifling, and per-- haps not a Mercurial effect. _ D" Chisholms practice I never follow entrusting entirely to Mercury, beacuse some persons are incapable of being salivated, and we are Juguently called in so late that the disease would probably terminate fatally before we could induce a salivation. The disease generally ends on the third day. Children are improper I subject for mercury; and they often have the Tellow Jever; But mercurial purges are not always very useful. A Salivation even, does not use the disease. The employment of Alexeury in Dysentery is considered by some pohysicians as an extremely important mode of practice. Dr. Clark of England found it very useful; I wish however to incuteate in your minds

Sought by of more there forwards by one allegations of The also new source and they processed stand the story after so sources. because in an expected of true o solden has part we are no heritary The man opening the same required a some of the

one rule a Viz. If the Mercung does not produce good effects in three or four days, lay it aside as useless and even pernicious, for it will very probably undermine the strength of the patient, Upon the whole I think it a very nice, and difficult practice, and I hope you will never follow it upon my recommendation without recollecting the nicety and eaution I have wished to inculate: Jince using Thecasuanha in Dysentery I have not employed the Mercury so much as I formerly did. The Catomel does not always save the patient, and has many inconveniences..... There is one case of Dysentery in which it is combined with secury, In this Mercury is always improper; at least untill Scorbutic affection is removed. I have given the Mercury in Dysentery to the extent of two, or three grains every three, or four hours, and always with a little opinion. This is in imitation of Dr Clarks plan, but I have gradually laid it aside. I always tried to Salivate Mercury seems well adapted to some cases of Dearrhad, particularly the Chronic Kind in Jailors; This is not to be commanded by opium. Blisters to the ankles may be useful; But Mercury is the best (medicine!) remedy, and is a less ambiguous one here than in Dysentery ... Hydrocephalus internus may be owing to a rupture of the lymphalies of the Brain &c. by falling. - This is not however commonly the case. It gene -- rally commences with head ache', lassitude, and fever, sometimes squinting, costiveness, vomiting, and often a discharge of worms; hence it is frequently called a worm fever; In the advanced state the patient is blind, the purpils are dilated, the stools pass of involentary, and the patient dies

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convulsed. This disecuse is often connected with Terophula. It is most frequent in the early stages of life, most from two to five years, next from five to ten &c. I have had about twenty five cases of this disease under my care, and of these the proportion between Males, and Females was nearly the same. I have observed a tendency to hy drosephalic fever in girls about the age of purberty, when the menses first begin to flow. .. a variety of remedies have been proposed in this disease, as blisters, bleeding, back &c. But Mercury was first used by Dr. Dobson in 1775, and it was likewise employed by Dr. Percival in 1777 who rubbed it in: Since then the practice has been very general There are a variety of opinions upon this subject among Physicians, respecting its propriety: It however grequently fails. - I have often found bleeding, and blistering extremely useful, especially in the commencement of the disease, but never made a cure by mercury clone. Dr. Percival says That a cure may be effected without Salivation. One of the first effects of Mercury upon Children is to induce a profuse running at the nose, and it is said also to occasion a profuse persperation of the head. This, if the head be kept warm, does often much good, producing immediate relief. In giving Mercury we are told to prevent a laxity, or the medicine will pass off; But we must always avoid Costiveness, and use therefore glysters of Milk, ovoil, or Calomed purges: well goodhing growth of the patient is remarkable after the use of Mercury in this disease. We are told of a Joung Lady who gained two Inches thereby, in

I carried of warrier Jane hardening by I : Descript and ITT who and but it was here when the

stature in four months. I have prequently used our medicine, but never (trusted it) cured it by trusting to Mercury, and I am not singular, for many physicians have denied its efficiery. An eminent Inciclitioner _ Dr. Ruhn has informed me that he used Mercury, and Blisters to the head, and thought it sometimes produced good effects; but Dawson says it sometimes included caries or other inconveniences: _ Di Cullen's success has not been great, of recoveries, he has not seen more than two out of twenty. In my own hands the proportion of cures, has been much greater, and not less than four out of twenty. Mikihards, a Surgeon in England, butely informed me, theit a Gentleman opened six heads, which had been treated by Mercury, and they were found filled with serum, _ Professor Muno gave mercury in 22 cases, of these 12 were under seven years of age, 9 under 5, They all, says Muno, with extreme an one under candour, died. He used the strongest and best mercurial ointment, and tried to salivate with Calomel. - In one boy he briend kept up a profuse salivation for seven weeks, and on difsection after death Zviii of water were found in the ventiles of the Brain; the says he was generally called in too late, The deserve often consists of a deter = - mincition of blood to the brain, without any serious discharge. What good can Menuny do here ! - It is unquestionably a powerful stimulant, and has frequently produced hemourhages, and sometimes fatul ones, where the patient had not had them before. - It has been proposed to combine Digitalis with Mercury, but there is more of Theory Than practice in this

presentation for their good recent moves things I've but of termina comercial Shoute to senth a theory, but show in from of Throng Them provided in their morning recommendation

Inflammation Menuny has been often employed, but it sometimes has, In the Pneumonia appearing in Marshy Countries, which arrises from the same causes with Remittents, Intermittents, Dysentery Se. It has been used. This

good remedy in it. Mr. Hamilton has written a very good

I paper upon the use of Calomet in Perspection found it extremely useful here, and in Pleurisies, particularly those appearing in Mashy grounds. I have had very title

experience of the use of Calomet in Pneumonia, but in one case it removed the pain, and Cough as soon as a

Salivation appeared . minimum

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mouth is produced, Before reducing the system by bleeding &c. I be lieve it to be injurious. In the West Indies they give Mercury immediately without any previous reduction of the system. In my West Indian patients however bleeding has unswered extremely well, and I allribute their want of success in the treatment of this disease in the West Indies, to their not bleeding . we Meeury however is a very important remedy here, and in the East Indies & it is much thought of; both externally, and internally employed. If it produ-- ces a Salivation before matter has formed, it is said to be a certain cure: This practice is universally established. In the East Indies they prefer unction to the internal exhibition of the medicine. I have employed Mercury with great advantage in Hospatitis -It is frequently attended by a cough, and in this stage Mercuny produces an astonishing effect. In Bronchocell, groite, or in glands, I have elsewhere given my opinion respecting the use of opinin. There are a great variety of medicines proposed for curing it, but I confine myself principally to openin, and have but little to say respecting it. Dr. John Profser of England used the medical fills with advantage; Tome writers however say that Mercury does house, and Mr Sounders afserts that it merely stops the progress of the disease; It is certain however that it has yeilded sometimes to mercury. It sometimes cures itself, or if cured by other diseases, as is examplified in the case of Mr. Owns ley who was affected with it, and had used unsuccess = = fully varieties of remedies: He made a Voyage to New Orleans for its releif, but returned worse, he was afterwards seezed with a Malignant fever, of which he recovered without the

a finish which is the surrendered and the surrender of the surrender of course by the things of the design the second of the and the commence of the contract of the same to the same the same and the same of

use of Menuny, and was afterwards freed from the goitre morning Of the use of Mercury in Dropsy, Thave already spoken as it respects the Brain. The use of Mercury here is not a modern practice: The Jamous surgeon Mr. Du Verne 110 Jeans ago, used it in Dropsical affections with success; I have employed advantageously the Turpeth mineral, Ealomel, or Corrosive Sublimate, in combination with some obstruction of the Visiera, I believe it will be generally found that the diwretic plan will be more effectual if combined with Calomel. _ Dr. Lind has cured about forty cases of Dropsy by exceting a Salivation . . The East Includin procelitioners however observe that Mercury does harm in Dropsy, and also that those Europeans who have taken mercury for Syphilis suffer most from Dropsy. Mercury often diminishes disposeed swellings during the salivation, but as soon as this goes off, the accumillation often returns. ... Mercury appears to be adapted to those cases of Dropsy arising from Intermittents, or Remittent Fevers, or from obstructions in the Vicera: But it should not be employed in those cases untill after the fohlogistic diathesis of the system has been somewhat reduced . - I think Mercury better suited to than to Ascites: It somelines fails to do good in Dropsies, which afterwards yeilds to dimetics. _ Upon the whole I am of openion that Mercury has often done good in Dropsy, but it has frequently also been productive of evil: It promotes abortion, and sometimes too, the action of the exhalents . I at first the action of the anh absorbents is unreased, but it is afterwards diminished. The Debility which it induces is extreme, and this is very much to be avoided in the treatment of Tropsy. when it

in Deeply and also that The European we will also were Judgey, det it has projumety with they michaeling grades A hadred a min the part the colored the wife with a similar is accessed, that all is a framewill summer that in the Delitale

of the use of Mercury in Jaundice, I have little to say, when we consider the courses, and dispects of this disease, we might suppose Mercury to be useful; and accordingly it is said to be so by Dr. Clark, Dr. Saunders, and Donald Mumo. In Germany Calomet has been employed with advantage, and it has sometimes been preceded by Sal. annunica as an Emetic. ... I have not employed Mercury in Jaundice. Of its use in Epilepsy I have not much to say from my own experience. It has been Jequently used with a view to excite a Salevation, but I find few cases of cures recorded. - But some Physicians who have employed it so as to excite a Salwateon, say that it suspended the disease, and sometimes moderated the symptoms. ... Even this is effecting a very descrable end, but I think that Tonies generally assorium answer better. I ascribe Mercury as best adapted to those cases which are attended with a Plethora. Drs Hoffman, Dover, and Berger, gave The preparations of Mercury in this disease. Cinnabar has been much used here, and very much praised. Tometimes Mercury has been combined with the Valerian, which we have seen in many cases to be successful . Tome Epileptic patients upon difsection have been found to have an effusion in the ventitiles of their Brain, and as this was probably the case of the Epilepsy, it was perhaps chiefly in such cases, that our medicine, by producing an absorption of the effused serum, has affected a cure. It is reasonable therefore to suppose that those cases in which there is an effusion of serum in the brain, may be wered, or at least temporally

and exerted a the ballow they there it is in the said to the action of the a very desarthe on at last I speak shall have supertic recommen The Serie was brookened the Se to leave which will there some er mainer core to to successful and love the life of the particular again defaultion have love for not to have an affect on the require som afferent course in the is warmed the fire to supporter that there cares and while there is you of fearing of

retieved by mercury, I have used the medicine in the Pennsy to ania) Hospital, often produced a Talivation, but never effected a cure. Telanus, is of two kinds, the Idiopathie, and Symptematic, the former may be and by warm fuctions, opium, wine, back, Le. But the symptomatic is generally incurable. Dr. Clark cured some cases of the Idiopathie by large mercurial fuitions every two hours over the spine, and neck, untill they diffected the mouth. He did not find the cold bath useful: he never cured the symptomatic species; he therefore tried to prevent it, and with this view he drefsed punctured wounds &c. with mercurial ointment, and gave two, or three , quains of calemet twice a day with success. He likewise exhibited Calomel with opium every night after capital operations with a similar design, till the mouth was affected. I think that this practice should be adopted, particularly in warm climates. Thave seen one case of light, but decided Telanus, in which the good effects of Mercuny were very evident; for the disorder disappeared as soon as a salivertion came on. This patient began the use of Mercury some days before the Telanus occurred. Mercury is said to have cured Hydrophobid in numbers of instances, I am much inclined to doubt, whither it has ever affected any cures, and I think there is much fallacy in. the cases which are recorded. ... I person for instance is billen by a dog supposed to be mad. he is sativated to but no Hydrophobici ensues; very probable however the dog was not really mad Inother is betten by a dog which is actually affected with Hydrophobic. he uses elecury, and escapes the disease, but hydrophobia does not always follow the bite of a model dog

Steered by someone of how one of the morning and the course locate in the spire and winter and the Hay affected the south of forms & her first be beart to period it and and this min touching and privates a hours to adopted, predictable in warm climates anoppened as some as as solveniles same one . This parent e Territory is son the to have anich the split file the in manufers of instances, I am much include it doubt, where has were affected any were, in distribute there is much follows in The casts which are necessaries - - of person for without a tiller Reflection ensures, very probable however the day over no variety with one smother is believely a dog which is activately affected was aligher photocles. To an ellerary, and excepts the descent. but hydrophibes does not always follow the bete of a mond do

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Though doubtless it may be have been prevented by the use of mercury. One very decided case is mentioned by a writer Schrader, in which after the symptoms came on the patient was cured by salwation. From mere reasoning I should suppose our medicine would be a better preventative of Hydrophobia than of Telanus. I believe that if a salivation could be included at the line at which the disease would have commenced, it would very probably prevent its accession. The interval between the time of the bite, and the time of the occurrence of the disease, is generally between about 30 to 40 or 60 days ... The question therefore is, - at what time should the Salivation be excited? It has been a common practice to give the mercury immediately after the bite was inflicted, the salivation commenced a few days after, was continued a short while, and suffered to subside before the line of the expected symptoms. I think we should not attempt to bring on a Salivation untill a few days before the shortest period at which the symptoms may commence. The great principle I think, is to bring on a great irritation in the mouth at the time at which the symptoms would occur Mercusy has been employed as a remedy for the bite of poisonous Reptiles. We are told by Dr. that he used it effectually with gum, in the bite of a viper. Sometimes Mercury seems to antispasmodic, and indeed it acts sometimes as such much when every thing else has failed. De Home cured a case of (difficulty) difficult Deglestition, by a slight salivation.

and there is a more of the west of my persons of persons in magine in general therefore is a little subject lines a knowled . The Sectional till excellent i - In him was warmen Les d'after their commenced a few and ofter was continued at the while, and suffered to substacted proper the line of the response Salloculous untill a few days before the startest formed the when the experiptions was summer . The great friends to stanker to Mercany has been compaged as a noncomp for the view of praisonous Republic - We are lett by The hat he wed it effectively with gum, in when it will another as ouch much when come thing the sea abode. In De Frank cured a care of wiffindly deffect Deglistition, by a slight or absolute, morning

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In Hypocondrasis with Dyspepsia I think The mercural plan should be adopted, and that more particularly as hopperon hyporonabasis by pocondicasis is frequently the consequence of Syphilis. I have found the blue pill to be the best form. Mercury has been employed in the disease of Jaws, the Trambesia of Mosological writers. Some Phy -- sicians have thought well of it, while others have not. De Hillery gave no mercury externally, but he exhibited it Calomel untitle slight salivation was excited, or untill the patient spit about a fint, and an half in twenty four hours. This he continued for a few days. By this treatment the protuberances subside, The scales fall off, and the skin becomes smooth. DiBancroft says, this disease may be cured by Mercury, but that the most common method is by combining it with Camphor, and given it in small quantities, and to direct it to the surface by sudorifies. In one case of Jaws Jused the Mercury both internally, and externally. I drefsed the sore with red precipitate, and gave calomet to bring on a salivation. The patient was effectually cured. Dr Tucker of South Carolina found the Mercury extremely useful. The medicine is said, however to translate the disease often to the (bowels) Bones, and render it incurable, and I believe that ettercury does often translate the disease without aring it. in Of its use in Sepra I can say but tittle, from my own experience, I have seen but Jew cases of the disecise, and these few with the exception of one, all

pose an original externally, but he exterious in the house and the a light and me the flat titled four Towns . The transmitted in developing the one carried theirs a use of the effection but The patient was effected thy uneder De Towler of Juste Enorth found the otherway strained as fel. I be oneducine is some. however to bear the device of an to He (bounds) though title, for my new experience. I have down hick for care the diseases and these from with the exception of one actions

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terminate fatally. From the seeming affinity however which exists between Tepra, and some other diseases in which Menury is employed. I should suppose that it would be useful. ... Dr. Hallery did not approve of it. he thought it injurious, and that it increased the disease, he says (it releaved for a time, but in two months after the disease returned again; I should Grow that it affords a temporary retief, but that it returns worse than before, and that the antimonical preparations are the best remedies for it. Di Donald Musers did not approve of it, he says it relseved for a time, but in two months after, the disease returned again. I should employ the red precipitate enternally; and also bamphor externally, and internally with Mercery. _ Dr. Horsely thought that this is the same disease, as Syphilis. - He observes that when Syphilis first appeared the Lepron diminished. I agree with the Doctor, but I repeat I have had no experience in the disease.

It is of use in Amaurosis; when this arises from Typhilis, it is ealled Amaurosis Nenered. I To this species Mercuny scens well adapted, and yet it does not always cure. Dr Smith mentions a cure, by it; and Dr. Mead relates a case were it was succeptful, but the patient saw double. An aroxinate emenient Physician of this City says that it translated the disease from one eye. In some causes of Deafness, Mercuny is well adapted. It sometimes depends

Commence of Paterille . The me see affindly placed to their that it affords a temporary ratiof but that it steems were think before and that the antimound for paration on the best remain In it. It Donald Muon dick not approve of it, he ways to release t for a time, but in him minde after the diese enternally, and also tampha externación and enternally with ethereny, - D. Finnely Hang he that the a tre dans desease, as Supplied. . The downer has when Topinish Just appeared the Lapin downisheds, I done with the This of use in empawasses; when

His saises from Saphilles it is called a Smeasures is when the saises from Saphilles it is called a Smeasures of and and and and and she was some well have a saise some it as and Dr. a New ob a star a rave were it assurement they but the formation of the Eleg days that it brancheter. In surement the saise eye.

The durant from one eye.

"Howard from one eye.

"Howard Desired Desired and the saise of Despired."

whom a morbid state of the Brain, without any desecuse of the Ear itself. It likewise frequently accompanies Epilepsy. If therefore the Epilepsy could be cured by mercury, we might certainly hope You a cure of the Deafnels Mr. Gordon mentions the care of a Toldier, who was made deaf by bathing in the sed, and complained of violent pain in his head, and hissing in the ear, he was cured by a salivation in six months after. The usual remedies having failed. Colica pictonum has engaged the attention of many practitioners, and Calomel has been effectually used in it, Dr Clark gave it in large doses, gre XV to XX in a fill, or bolis, made to be taken at once. This dose never failed to open the bowels in five, or six hours, and cured the disease without exeiting a salivation. In obstinate cases, after milder means have failed, he gave If at once. Mr. Clatterbuck has published a valuable treatise upon this subject to which Inefer you; he gave Ealomel in the disease under consideration with a view to Solivate, and this I believe to be a better plan than Dr. Clarks. In one of the Pennsylvania Hospital in the Month of August the mercurial plan failed with me and Bucketts of cold water thrown upon the patients body almost immediately succeeded. We are not certain that Mercury does good in Mania; I think it produces beneficial effects, but I never made a cure by it, except where the disorder was owing to Mercury has been much used in cases of Canser, but I have had little experience with it myself. Me Sandrees a Porteguese, and the hands omest man of his lime in Europe, says he treated Cancers with mercury with very great advantage, he gave it dissolved in andert spirits.

afine a marked state of the boson, notice I good decrease of the line deap all present proposed meanifement of regel it. I find for Butter sould be cared by mounty we might continue ropes a deleter who came on the day out him good the sect and completeering to of motions have been that there is comed to found in the case he was since by a delication on dix months after the usual Coloca pertinence for amongs to a stration been made to be between at once in this document factor to all to good of it was a feel to the the hour has he will all the which to trateer upon this subject to a hish he for you; I give Balonel in the disease under consideration with a view D. Elected and the part of the Proceedings and the Secretary . in the obligate of a laguet the more into place failed within and Buckett of early water thouse you the palitical tady a trant ·u or estavered I should the freederes to expaine effect, but I have Theory The deen much used in course Corners but I have I and little expenses went a my of as Courses, says he lesweet beautis with normal well want for

Mr gooche cured a carrier of the tongue with it, and Dr. Brown weed one with the conssive sublimate, This is the preparation which is most rommonly employed. I De Mead did not think Mercury adapted to true cancer; Mr Adams says that the only case in which he ever sow it useful, is after an operation, when unhealthy granustations arise, I am not certain that I have ever employed the Mercury in true open Concer; but I have used it intermally, and externally for wheers which were not venereal, and which refused to heal with other remedies, with great advantage I think I formerly mentioned that I cured a cancerous affection upon a young Gentlemen's Terotum, with Menurial aintment, and Camphon. The Red presipitate appears to be the best preparetion applied externally. morning This might (be) seem the proper place You entering upon an enguery into the use of Mercury in the Venerecel disease, but this is so generally understood, that I shall say but little about it, It is however the only remedy medicine which will affect a cure, though some others may suspend it for a while: Tometimes however Mercury is infufficiently efficacious alone, and requires to be combined with some other substances arrange In Gonorphada Calomet is not often given.

But Mercury) Mercurial purges often produce good effects without producing) including a salivation. Ithink that Calomel stimus lates the absorbents to a greater action, and to take off the from the Mrethea, I rather lean to the opinion that the matter of and Gonorhood are specifically different, though I know that it is contrary to the opinion of the Hunter, and

about it was commissed angliby set in It a Keecel all to not thunk e Marcay et deplit de Marca camerer e 2% + I down , say a March the contr care we where he care row it is full is after an operation, when underality from balians was a form not certain that I have were considered to a traceing an line often to comer; but I have weed in interestly and extensibly for a love which were not. amound and while refused to find with other amadies, with great advantage thinks of pomenty minterpret had demade a cancerner affection when a James furtheren's heaten, with drawned without and Compler. The Red prosperite appear to der the best preparation applied inter ally, warranteen to interms when an enguery into the user of a Horaing in the Wester Coll Mis Colle Sail this is to generally in deastines. had Ishall day but little about it . It is however the andy a infofficiently of four soil above, and require to to combine with some other se between survey That cheering a hieronical furge of an proper good offer a wear The Mosthean Swather teven to the opening that the mouther of and Generalistic on specifically defined though Johnson that it is contrary to the opinion of our Auster, and

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some other eminent men. I had once a pattent with Gonorshead which was devin of by Mercury, but then he had a venereal Inflammation of the throat: This was removed by Plench's solution, but the Gonorshood returned, and was removed by an Adstringent injection. We sometimes employ Mercury all injections in Gonorshood, but lately I have not used them much, commendering adstringents ones better. I sometimes however use a weak solution of Consissive Sublimate in lime water, but it is difficult to employ even a weak solution without frejure duid effects, even go if of rorrossive sublimate to Zviii or X of water is not unfequently too powerful. I employ the following injection.

Gum drab. 311

Opium gr i to ifs

Waler zo iii or X. m. Injection,

and use a Syringe full 5. b. or 8 limes a day, or in the Twenty

four hours I add the opium whee there is psin, or initation,

but mo not otherwise. In some cases this injection is

preferable to addingent ones, as when the running is con a

nected with ulcerrous affections of the Urelha.

In Cutaneous diseases when the constitution is little or not all affected Mercury is useful. In Itch many medicines have been employed, but some of the mercurcil preparations are the most useful, and of these the best is the ungentum bitrinum: This is also left

ex strong the sometimen aufiliary a Merseur ale say citions in Government and littly I have not used their much, can deile mig antituis gente mes tretter, and to something now were all a difficulty to employ even in weath national without fory duce efficiety, over you is of convive and low ate to faile on X of could in not unfrequently los for wifel . I confile the fellowing Ethel down . Edward go & to X ... Water Frist a X. no. Nycellon. war in a Tyrunge fill I. b. on I have a day or in the stars pour hund . I what the from when place is pringer unliver but not not not therewas , who some and the agreem is professed to theldingent over as when the comming is con nation, who alestrons affections of the United a lette, or int cet all afficient attending is usoful. their the last is the universum between aller is also bed

getthy than the mercurial ountment. Sometimes however a solution of the Miniate of Menury in water, or line water is employed. The proportions are about gas viii or X of the former to a pint of the latter. This forms a most excellent wash. In Terrico Capitis a solution of the sublimate in water or Time water is beneficial employed, as is also the Ungentum hydragyn nitrati. But the batter often succeeds Cafter other means have failed. I use this ungentum attunum in a very obstinate case in the Pennsylvania Hospital, and effected a cure: But the patient took also small doses of I have frequently seen given with great advantage alone; I have indeed seen the internal use of the Kalmid produce instantaneous effects. To a palient four or Twe years old, I nut down a little of this with loaf sugar, and gum ababic. I gave at first go I once, or twice a day but gradually increase to six grains. It produces itching of the head &c. mm always use it in the form of a wash, as well as internally That peculiar disease produced by the Thus Radicans, or poison vine is very distressing to the fratient occasioning a very disagreeable itching, and swelling of the scrotum. In women the Roadentes Sudenda are affected in The same manner. The part which is touched by the poisonous substance is vesicated in the first place, and then the scrotum swells. In 1797 I discovered that Mercury was a never failing seme dy. I dissolve from four to six grains of The Muriale of Mercury in Zviii or X of water better lime water,) and with this, wash the affected part frequently. It produces a new action in the skin, for a considerable degree of heat, and fever appear. In a few days the cure will be accompleshed.

of Generalization of extrement you inchieve on linear continues confidenced The presentain are about on will or X of the Journa to a funt of Coursenant Capitalis a solution of the sublished fler other meners have faited. I use his correction discourse Special a warn that the patient look also small desex of advantage along; I have water at seen the interral us of his historian produce orstandaments effects, it is a feelland four or time years old . I and down a little of this with load sugar, inde gum ababies ... I your at fint go & once or times is day The hand they were I relieved and to me the form of a wanter, this Charleson or preson our is very distributed to The fortern orginism of a very disagreed he dething, beach sweeting of the descriptions of more more The Rudonland Predicted the the season or over the part which is leasted by the formers dubitioner is version but in the but place, und then the sustain andly - Sou 1797 Soliceoned frut Murphy was account failing moneray. I defealer from four to six grands of water and with this wash the affective part Juguenting. Genelises a south actions in the other for a considerable degree Said double fever appeare, who is for days the was will be

I consider myself as the discoverer of this remedy. I baboured under the disease when a child, when I went to England it was spontaneously cured. But upon my return to America I was again affected with it every year, untill the year 1797 when I cured it by the Muriale of Mercury, I think that it not only cures the present attact, but also renders the patient less liable to be again affected. It has thus asted upon myself, and several others. The same effect is produced by Mercury upon the disease included by the nut of the West Indies, a disease which resembles the former in all its Thenomina. Tometimes after a bluster has been used there remains small Vestells which Itch extremely, and which are filled with a thin pullwerd fluid: these continue for some time, they are however completely subsided by washing the front affected with a weak solution of the sublimate in water; for no mil der me asures will answer. Whenever therefore a part which has been blistered will not heal, we should make wash it with the above mentioned solution. unminime The Formications Sungens is also a cul anerous affection; It consists in an Itching like the bite of the pismine, It is sometimes described as tike inumerable puns sticking in the skin. This is also removed by a weak solution of the sublimate subbed over the part affected. We should not treat it basely lightly when our patients attempt to describe it: - It commonly accompanies (Tals) Paralytic and arthritic affections, and it is dangerous to remove it too suddenly. mmmmm

I delicared mides the discuse answer a chile to prem I went to England to case specialization and a contract of the company of a standered Those wine affected with at early year, in all the year I golf when Francis do by the Marche of Mirrary, Think that its less tidobles to be a gain affection. It has their as that a thou myself, and descent There we war more entainment affection, It will be an an Heling like the lite of

moders operandi, of Mercury. The antient Physicians Paracelsus &c thought that Mercury acted entirely as an evacuent which threw the morbid fluids out of the system. The Physicians of the sy " Century, the mechanical physicians, thought that it operated by its ponde. - rosity and slipperness. This I dea was a dopted by Boverhaave and others. These opinions have been laid aside however; Dr. Cullen thought that is was an universal evacuent, and it was also determined to the salway glands. Di Swedian, and others thought that Mercury in wing the venereal disease by combining with the Typhelitic pason, and forming a peculiar but hamless compound. But the preparations of Mercury rubbed down with chancher matter, does not prevent it from producing its effects, though they modify those effects as every think else will. The last Theory is that of Mr. John Hunter; this as pro-= reeding from him deserves our attention, and it derives its support from a number of interesting facts . www. According to Hunter, then, it produces a new action in the living parts, and counteract the effects of the venereal poison. This Theory is Jounded upon the supposition that the human body is acted on by numerous stimule, each of which produce a different action. This Theory says a modern writer is evenced by the various effects of different substances upon the nerves. Mr Flunter thinks that the effects of all these actions is to throw off the sources of initation, so that his Theory is compounded of Stabl's and some others. He thinks that the Menuny irritates the part, which is already writated by the venereal poison, and induces an action of its

I is diese suregrang in sury something of the contest flower and to be replaced . The He makes the the of The many The somewhole for presence there to there it from the by it from warmen south to have the mountain story much from it to from we were as four in the second forces or annitarious short of the similar forces. This when a function after the organ who is not a sure of the first of the first of the first of the first of gradulate the the severe of freely and widow it willow of the

own which gets the better of that from the syphilitic posson, and expels the matter from the system. If this theory be true it is strange why some of the other metal, will not produce an initation sufficient to eure syphilis. Hunter therefore is obliged to suppose something very peculiar in the action produced by ellerung, by which alone it is enabled to produce its effects. This Theory is not perfectly satisfactory, but I must confess that it is more so than any we have yet received, and must be taken for granted untill some other shall be offered to the world superior to it.

For from more satisfactory views of the subject I refer you to Thunter himself, and Mr Adams Theatise on Morbed poisons.

These are medicines which existed womiting, and thereby discharge the contents of the Itomach. It bring a very important class of medicines, I should pay pour timbour attention to it, though I should not be able to discuss it as well as it excidently ments. I were used in the most anterior times, and perhaps were among the most first medicines that were employed. Savage Nations have a considerable knowledge of them. The Brazilians first used the Specacuanha, and taught it to the Europeans. The Indians of the six nations, are acquainted with fifteen Emetics from the vegatable kingdom, and they also know the sulphate of Iron. Tome Physicians object to the use of Emetics, saying that vomiting is contrary

is a secretical to frances at offect which thereof is over for firstly Cmilus. of them also the applicant first and the Marganine of and they also fines the wightest of I am I have I they seeing having a hopened says linker coming to my of or will

to the order of nature, but this is certainly not the case, for nature itself seems to indicate its utility, by the many remedies to that effect, which she has presented to us. Vomiting seems natural to Man, and most other animals. Eats, and Dogs, vamit very frequently, Birds, find) are unable to digest the hair and feathers which they swallow, they therefore vomit them. Fishes vomit also. But there is (also) one animal which we cannot induce to this operation by the strongest emetic, and that is the Horse. This animal will resist the largest close of the most powerful emetic, at least the only effect it will produce is a copious flow of saleva, his inability to vomet proceeds from the great strength of the sphinter of the Cardia this is thrown into action by the initation of the Emelie, but the stomach is veolently agelated. romming Thysiologists have adoubted respecting the action of the stomach while under the operation of an emetic. Some are of opinion that the stomach itself is inest, but that the diaphragen and abdominal muscles act. This opinion is I think erroneous; but I do not a gree with many others who go to the opposite extreme. Rosenstein pub. - lished a very excellent the alise upon this subject. The truth O believe is that the stomach does act, and that the diaphragm and abdominal Muscles likewise act with some force. Having said thus much, we proceed to speak the general effects of Emetics. Some eminent Physicians have Shought that vomiting might be useful even to a person in Do bullen was of this openion, but he

that is the Stones, who amount with respect the majore wife produce as a refrom Town of daying the son block to inche this or There was no have the the with him of the Elither while reporting the nation of the stannet while wenter . He of wester act, This grown is I struct and main; but a sale and region with and a latinous and office by livering and and the down for exthe general effects of Connects.

did not think that it should be frequently repeated, I think however that where a preson is where a person is nearly in health, or imperfect health, emelies had better be omitted, but when the stomach is in a morbid state they are useful, except when they would be injurious by exciting straining &c. Do Gullen thinks that want of appetite, heartburn, acid evacuations, and head aches, indicates the necessity of emetics, as also naused, or backing of Good, and the presence of mucus in the stomach. The latter however is not a sufficient cause. Emetics in their first operation evacuate the stomach, but their operation does not stop here, for it extends to The duodenum, and part of the Tejunum. This is not however the case with mild emeties. - It is by the peristakie motion of the appear part of the small intestines, that their contents are thrown up. Bile which does not exist naturally in the stomach is frequently thrown up by active Emetics, or by some Jevers, and in the naused marina, or Tea Siekness, and by other causes. In vomiting the deaphragm and abdominal muscles act, and compress the abdominal visera, and with them the Gall bladder, and duodenum; It may be impoper to observe that some Physicians say that the bile which is thrown up, is only that which is contained in the stomach. This may be the case in some instances, but the bele is not always previously lodged in the stomach, for then it would appear on the first fet of vomiting, whereas it does not, untill repeated strainings . - In many animals the bile is poured naturally into the stomach, and that, not from the duodenum. This evinces that this substance is adapted to some purpose in the animal deinonry. This wieumstance takes place chiefly in Justes. Nometing exectes the force of the circulation in differents parts of the body, but this enere ase is not permanent, and it sinks proportionally low, after the emelie has operated.

afained by the dialog steaming for the thirty of the start went reportered, he del bush, out the war walnut and find they are during he over gale of smoles, as the reason or tarthing of foods. protesses of oursess for the specimen the lines lines Tenories is one he description in many proof freeze of the references will it not her more than are well and it condies . I the is by the presente me true of the explan and of therewall contestings that they contest me come the become reportly and colored bounders, the by some forms down and the named It winds from the order of which was annowed hyperior of higher than with reports to the soon after so and had "what a endured wi me stommed when many to the course in some inchange, but their officer in the first of modelling comment it does not untill reported steamings. I he was y amount the tite of format to poter a series thousand exerter the present the mindestern in sufficient fait of the teril, out this enemies is not feine and it see is perfectionally live after the contitue has aperated 182

Vomiting excites the force of the executation in different parts of the body, but this divises is not formanist and it sinks had proportionally low after the emetic has specialed. Dicance Doctor Gullen thinks that there exists a sympathy between the stomach tex exclorered vefsels on the surface of the body, thereby, causing Emetics to produce a diaphorisis. This idea however is not in my opinion, correct, because this diaphoretic quality is not common to all Emetics, took but belong only to There auxahor, and the preparations of antimony, and is not a property of squills. Dr. Roberson supposed that Emetics produced a constriction of the extreme vefsels. Mr John Flunter thought that there was a sympathy between the stomach, and the Testiel, and he therefore gave Emetics in Hernice humoralis. I believe that there is a much greater sympathy between the Testite and some other parts, than between it, and the stomach nummer mummer Mr Moore infams us that when a moderate Emelie is taken, the stomach remains for some time undistarted, , but in about Twenty minutes or more, there appears a disturbence + in the bowels, noused, ugors, slight frain in the head, eyes dejuted, · pulse low, and face pale. afterwards when the vomiting commen. = ces, the face, and eyes become red, there is sweating, a full pulse quick, straining of the body &c. These effects go off, leaving the patient in a langued state, and with a slow weak pulse. The vomiting afterwards returns by fits, and finally seases entirely. The antimonial emetics induce purging a hot skin, and a full strong pulse. Tquills occasion a flow of unie, but I never knew them to induce a diaphorisis. It has been supposed that the power of vamiling is given to the stornach to enable it to throw off noctions (vapours) substances;

exc The 2772 A. 11 / by be the no sul no de mo. Th model in the him the second of in the line of mains of the color of the pain in the trust appropria hade her and peach field whereas when the amaking commen to = ys and the force and eyes become in a status of suitable to find factors much steering of the levy for Their plat go of decomp Labored ingression in a grant of the second in the second 1 I had about a send in Just they freder South courses in To him down replaced that the privary amounting as from 10 to the standard to cover to to some of well as afairs " quadrance; u

It is therefore thought that all emetics popels a detirious quality, thereby exiting to evacuations whenever they are introduced into the system.

Thus they produce vomiting, purging, sweating to. The trausea produced by emetics is termed a sensation of a peculian kind. The action of the Stomach, and muscles in vomiting; purging to are thought to be the effects of Nature to throw off The noxious substance. I think, that we should always keep out of view the Vis medicality naturna. The ideas which Dr. Boerhaave entertained upon this subject were very just, and proper. All emetics are certainly not noxious as is clearly evinced by water, which heated to a certain degree will excite vomiting, and this Pluid is undoubtedly not postous. It has indeed been said that it relaxes the stomach, This however cannot be the reason; since Jour lines the quantity of warm lea does not puke, There is also nothing noxious in the tickling of a feather, and yet it proves emetic.

Of the use of Emetics in diseases.

And Just in Fevers. There employment here previous to the exhibition of the Back, and in the Intervals between the parox- yours, has been a very common practice, and is perhaps too much so. I But when any preparation of any kind any preparation of any kind. But when any preparation of any kind is needs any, purges are prefrable to emetis. The lutter however are sometimes, requisite for the rure of fevers. In some climates, they may be given more freely, than in others; In hot ones, more than in cold ones. The maxim of Hippocrates was. Emetis in Summer, and purges in winter. It is a disputed point among the Physicians, whether emetis are safe when there is a determination of Blood whether emetis are safe when there is a determination of Blood

by consider as have all as significantly in flow over former with a color of the Former or de muches un nome buy progray for any transfer is there is not in the water increased they were the content the chief

the exacted and of the dank words on the state of live in for parent, and the second of the exact of the second of

whether regeled in days when them is as the amountain of Mann

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to the brain. Tydenham therefore advises bleeding before Emetics when there is a fullness of the vessels of the head. This might even be made a general rule, but it would not answer as an universal one: The vomiting at Sea, searcely kills, Some Physicians disregard the o'close of Tydenham so much as to give Emelies in Epilepsy before the accession of the expected paroxypm. I have given them myself with great advantage, and, that when there was great determination to the head. mount John Fothergell says that Epilepsy is symptomatic of the state of the stomach, and therefore he considered the emetic medicines as proper in these cases. This opinion was perfectly correct, a guantity of Peach, Rennels of Ulmonds &c. will produce apoplexy, without being benefitted by the loss of a considerable quantity of blood, while an Emetic removes it entirely. morning Emetics have been recommended in Hydroclfshalie, and Cephalic Fevers. In Hydrocephalus I do not Munk they would be beneficial by promoting absorbtion, as some have supposed; and I would not advise them for Ehildren, who are afflicted with this disease, but in people farther advanced in life, they may be useful, as in girls at the age of pullerty, and in other adults. Emetics are often advantageously employed in aute Rheumatism. here their operation is evident. They rid the stomach of bile, they produce deplection, for They are Sudoripies, and occasionally act as Catharties. In the Rheumatism occurring frequently in marshy Countries, I would fly to the antimornal Emetics, without loss of time.

former and partition of the second of the the second of English have been mountained in Haplier Ele. have deproved and a world not when their for Children who america i co when a naundaneously englished They need the stanceste of tolds, they provide depolation . To They are dustribus, and occurrently not no trackantes. In the Albertan strains converse pageantly in more by Education.

Tometimes Emetics are useful in Inflammatory Gout in the feet. I think that they are the most proper in the wiegular forms of gout. When it has left the feet, and there is Vertigo &c Someting has caused it to return to the feet immediately. ... In the Sick Head while to which delicate women are subject they often do more good than any other medicine, I do not in these cases employ the antimonial emetics, but a large dose of I pecacuanha, sufficient to produce, three or four plentiful evacuations. After this I advise a good drought of strong Coffee, or of warm wine whey with a view of producing a diapherisis: Emetics are particularly useful when the head ache is of and authitic nature. ummmmmmmmmmmmm I have not employed emetics much in Opthalmed, but they have been often found of use in it, particularly by Mr. Robert Dawson who employed them bargely in Opthalmed . warming Emeties are employed in Imall Pose, when the patient is depressed, and the emption is retarded, The exception frequently comes out immediately after the operation of an emetic. These medicines are however most useful in the Thurd stage of the disease, when the lungs are loaded with mucus; with violent Euters hal symptoms. In this stage the squills are also proper . www. In the Hourseness succeeding the Measles essetus are likewise beneficial. mm The antimorial emetics have been employed with much advantage in Pertufsis on hooping bough, but they are less useful than the White viluol. ...

according to the this of which is grade courself up strong ? of warm willie where of fundament is a true to the Cofflectioned ; but stry have been often pand of use or it Cartenties his the Alexander and were my legan have laisely in Children med man in morning and and in in the There stage of the decree are the large is .. On the ME westerney surveying sa Marches another in thomas Marchinell insin with men administrage in I'M HI les or property truck tive they are let arright it an the little witness

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Comolies have been often found useful in Dysentary: I prefer the antimonial emetics, Thee currenta, and white vitical, when the dysentery is intermitting I think emetics particularly useful. They have been used in Dianhouse but of this cherafter In Dicibetes, I think comelies would often be found useful remedies. Reichter has found them extremely so, in the Diabetes occurring in Intermettents Countries, and he says that they Juguently produce immediate relief. Dovers powders has often cured it, so that emeties would be useful in Diaphoreties. I have had no experience with them here They are often employed in Dropsy; but I shink that in some forms, particularly the intermettent ones, of this disease, they would be useful, their puting does not diminish Their deviselie effects. The squills of ten sucreeds best when it is given in such doses as to excite vomiting. Of this however we shall speak more July when on the subject of clivreties. The Hermes mineral has been used to advantage in Hydro-- thorax by Mr. Lieutoused . moundice, emetics have been often Jound sucrefsful, particularly when it depends upon cal-- culous, concretions in the biliary duct, they seem to act to most a divantage when the patient is in a warm both. after the operation of an emetic, all stones are prequently found in the Stools of the patient . won In the Ineumonica nothing or I neumony of old people. I have found the greatest ad = vantage in flying to the use of Emetics, they have been

Defendance I follow the remained it ameles a percentage in an winds sectors pater in distance of a interior time. I then seem to con That they proposely needed immediate chief a deter Down mellon The Sames mercul has been with to achieve align in This die In Horacion les mater have been you continue convidence in the letter of death of my present to sink to make welfaced as when it is judicial in in a widow butter, the is in - week for an I found to the use of limber they have for

187. found useful in Phisis Putmonalis, and more so I think than any ther medicines. In Cynanche Trachecilis we employ bleeding, blistering, synapisms, and emetries; The latter in particular are indispensible; I use specacuanha with balomet, in large doses. The Speraewanha is preferable to the antimonial emetics: The batter produce too much weakings, I have often employed the Turpeth mineral In Expressele' Muligna, or Searlitina Anginosa They are likewise indispensible remedies. Turpeth O. mineral, or Specacianha, and Calonel, are very suitable; It is very desirable there to induse a Salivation, and this is much favoured by the Tupeth mineral. In an adult from six -- teen years, and upwards the dose is from four to six, and I sometimes go to eight grains. In a Child of from two to six years, in the dose under two years go! I never give less, It is thrown up almost as soon as it troubles the stomacho. In disthma they give the best possible medicines, In some Paralytic affections where the head is not much diseased they are also useful. They have often been beneficial in Mane a, not however the phrenetic species, a where is much fever, but I have seen they do good where there was considerable arterial excitement. Nause ating doses do good where vonting would not. They keep down and depress the violence and strength of Maniaed patients much more effectually than bleeding, cupping & manice al patients however require large doses of emetics. They have been much accommended in Puerfixal Fever; Mr Double, has advised us indeed to

Grand assignation Continues Lettering at the markeyman and theman their any then involvence in the Expendence that the Eddance a Lucy classes from Eginnesses for in professible to the . who engreened the the the the trade and the James of the Furgethe mount. Some wante from its sometimes go to right graves . The a to he let of firm law to be in medicina ola some Para la te affection aterio the same is all much adjusted they are who was fire and they bear after been beneficial in afterior or next houseon the plante when a where is much from the attraces over they to good where then violence and strongth of otherwine hateauts much more. effective they there blocking in progition thrown weal present descreen region lang days of maters, winders in They have been much commenced in Duestifical Tever . Ma Jouble, has colucted in mount to

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trust chiefly to them, I liked this plan very well all Jurit, untill a violent case I was included to employ the barret, and found it more effectual. In Hemorrhages of red blood emetics have been very successfully exhibited. _ D. Robinson advised them in Hamplysis Dr. Eullen tried them, and though the found them in one case to increase the vomiling very much, yet he thought they would be often very benefued. Robinson imagined that emetics produced a construction upon the extremities of the vefsels, which put a stop to the hemorhage. Do bullen says that they have done much good in hemourhages. Boerhaave says that they are useful in large hemorhages; great flow of the Cottonenia &c. In Menorchages Dahlberg a Sweedish physician gave & grain of I perawanha with Sugar, every three, or four hours, and succeeded in a few days; Berguis followed his example, employing however 2 grown, he also succeeded. They advise the patient not to take it on an empty stomach, as it was then aft to excite vomiting? Professor alstoff has never been disappointed with it. ... In the Miches eventus, or bloody usine, Dahlburg has found Theeaewanha very useful. I have myself had much experience in this practice; and have myself employed the medicine chiefly in cases of Uterina hemorrhages. It must be given only in nausealing doses. The Speedewanted is the best of the emoties, and next to the Jackarum Saturni, I have found no medicine more powerful in hemorrhages. The moment that

Andreway sharp of and think another be been very surrely fields while beter . It Holision or well M them in Namohlusis though the found Trees on our case to average the securiory it himonlayer, next flow of the Entonemen of war were in The Monoratrages I while my a Twee with progression gave a grown of I necessarian with Jugar, con the et in an empte Homeste, as et was steen don't to god acon is . In the it letels comment or the de min Datelling him Found Spec runniha song moful is here mayers shoot anich expension in this practice; and there invall employed the meclinic while to so water of the one

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a naurea is included the hemourhage ceases, - Thoutaneous vomiting has often cured Attenine hemorrhages. I snot the naused so common in pregnant women a wise rule to prevent hemorrhages which might be Statal to the factus! I think that it is, I am unable to explain The action of Speedewanha in producing the flow of blood . It cannot be by virtue of its adstringency, because other adstringents will not produce the same effects. Mr. Munay of Gottengen thinks that it arises from its antispasolic qualities: This was also the opinion of Mc Baide, of Astoff, and of Akenside; I am well convenied that emetics do not act by determining to the skin. But if this power of stopping hemorrhages belongs more to Specamanha than any other emetic, it must depend upon some specific peculiar quality inherent in that me disine. The following case may perhaps throw some light upon the subject. To a delicate Lady troubled with wherine hemonhage I prepared two powders, containing graifs of Theraenanha and go 2 of opin; I exhibited one powder, and ordered if that produced no benefit, the other to be taken: In half an how afterwards the hemourhage ceased, no sudorifie effect was produced, but the medicine created anausea. This case there fore shows that openanded will cure a hemorrhage without exciting sweat, so that it cannot be by producing sweat that emetics art here. Women too frequently are afflicted with hemorhages, while they are in a sweat: The antimoreal preparations do not answer for this purpose; though they sweat more powerfully than Thecacuanha; perhaps it may act by either erecting a new action in the system, or by hansferring the action to the stomach there creating mouse a. I do not think however that its whole power is owing to this quality.

the production of the first water of the court of the cou w 2 the action of a planetic with me he decree The year 1 do 1 t CI 0 6 0 e a Th in wind of that from a so harded that I have see d ci 1 w 11 a

I have found that the Jugar of lead in hemon hages, is much increased by combining it with specuanha, In the Herned humoralis or swelled Teslieles, vamiling is said to be very useful, Me Hunter supposed this to be owing to the hympathy which exists between the stomach and Testicle, perhaps it arises from the debility which is included by Emelies, The practice however is not worth pursuing. If the tumor daises from a venere at baint I should not expect much from emetics, but I believe it does not often arise from this cause. Few physicians have followed Mr. Hunters practice. Much more advantage is derived, from bleeding, blistering, Cupping, Se. and above all the application of Colombers Emetics have not been much employed for discussing Buboes, but I should not think they might be used very a dwant a geously for this purpose. Seople going to Sea have often had buloes discussed by the naused Marina; The vomiting Emetics have likewise been employed for the Bilet of Venemous reptiles, and are very useful: Do Boyce informed me that he had frequently been called to people who had been betten by snakes, and that after the failure of the usual remedies he had always resorted to emetics, and always with success. m I have had no experience of their effects in Incarcerated Herrid, but Rewhter of Gollerobers Gottengen says that he relieved a most obstriate

M 1. 11 0 defects in state one had I should be at their their meren the continued 1 continues in the Suice Time in a second infragerie and that the Here for a good and To desir but to the over some in the contract of the stand

case with The acuanha Perhaps they act by wealing naused and thus Emetics are not commonly employed as Athelmenties, but worms are often disgorged by smart emelies, I once saw a case of apparently decided bynanche Trachealis which refused to yeild to some of the usual remedies, bleeding, Mercury &c. I gave the Child the Turpeth meneral and it immediately threw up a large quantity of ascarides with the effect of relieving the disease. Of Emetics as emenagogues I shall speak when I head of that class of medicines. Industribus Jinguttus or diccough emetics have been found useful. Particular Emetics. All the Emetics are taken either from the vegetable or mineral Kingdom. Animal food sometimes putes from the food which The creature has (taken) eaten. D. Duncans division of Emetics are as follows. 1 " Irritantia as Turpeth mineral, Tartar emelie Sc. 2" Evaruentia as Specacuanha, Squills &c. 3. Califorientia as Horse radish, mustard &c. It " Nancoteca as Tobacco, fox glove &c. These however do not out as emetics by their narcostic power. ~ I am not satisfied with D. Duneans arrangement, he has a Class of Initantia, but all emetics initale, he has also one of Evacuentia, but they all evacuate. Trofesor Dobson has made this division.

a en and principles in amount of the of expects of its when I died of that will of more and configuration to willing a because writing hour from the stagether winner 6 - 6 Th I'm Employed in the Secretary of the secretary a -6

1 " Relaxantice and Resolventia 3, rd Callida 4 the Drustica In my view of the Subject I shall not follow any of these plans, but divide them into vegetable and mineral emetics, with a few miscellaneous ones. regetable Emetics 2. Nicottana Tobacco Doctor Cullen does not approve of this as an Emelie: The infusion of it he says has been employed only by the vulgar, It is a disagreable one it is true, but it pof seses some peculiar properties. It seems to combine the quality of squills, and that of opinin; Do Sparman tells us that he had a number of poor hottentots with Inter mellents, who having no Speecewanha, he employed snuff with good effects to the extent of Is to a dose Externally applied it is often emetic particibarly if the cutiele be somewhat about It is bruised, made into a poultie with vinegar, and applied to the stomach in a bag). Thus employed it is said to discuft tumors in the Epigastice region. Tobacco has been used as an emetic after Overdoses of opium, and other narcoties: I think that I am the first person who employed it externally in these cases, I beat down Zi or Zife of the dued leaves with vinegar and apply

timelite omilie month mountaine in the the many way that me is to mover the pay eses sent president projection. The worm to combine this wind Comment in Alexander Law has been conficulted and a second of the Externally applicable as often constitution of the case of the consection of ingerial of a large of many but in It is if it is the street were with any it is to the

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them as a poullice to the region of the stomach. It generally operates in half an how; This has sometimes saved the lives of those who have taken overdoses of opinin. I minimum experiments have I am informed that some experiments have been usged to prove that Tobacco externally applied is inert. This ceretainly is incorrect since it produces vomiting beyond a doubt. I recommend it highly where large closes of landamem has been taken, but I would not trust to it alone, especially when the closes have been very large. I alone, especially when the

This is soldow employed employed, but a strong infusion of it is emetic. The Highlanders of Scotlands use it in Eataplasms to bung on Suppuration. It has been employed for curing agues, according to Dr. Steetman, externally. It is given to Florses in the Botts.

Specacuanha.

This is a very important article; It is a Mative of Brazil, and atthough it has long been known and employed in practice, it has not been afectained from what species it is derived. Linneaus supposed that it was afforded by several plants. It is however known to be the Callierce of Specacuanha which is a herbaceous folant, The root consists of a hi black cortex, and hard medullary part. It was formerly supposed that the bark alone was emetic, but at present it is known that the wood contains about one half the

down uspel to pass that artures is how by copy and wint. This me are it in the to find a leading on the production the him the

emetic quality that the Bark does. I have found this to be the case with our native specacuanha: In the Bark there are some resinous particles. This does not give a powerful or perminent stimulus to the stomacho; but when it is peoper to give a moderate emetic, and merely to evacuate the Stomach of its contents, I know of none more suitable than Theeacuanha; a great deal has been said about the dose which is proper to include a preety good vomiting! We are informed that the Brasilians such used It for an adult in substance and Zii in infusion. In Germany, and England they farmerly added a little Tartar Emetic to the Specamanha: This I often do in the proportion of gals of the emetic Justin to govi or vill of the Therewanha: small doses only are necessary, we are not often obliged to go beyond 6 or 8 grains, and often two grains puke Theety widently. But with much of the Specacianha we meet with in the Thops grs vivi or X are pequently necessary, and sometimes I go to grs XII. Dr. Cullen says that for exceling sumiting we are not to depend on less than gis X, and sometimes we must give more, he thinks too that it will produce no effect without warm water; No warm water is necessary when the medicine is good, but it is often adulterated, so much so indeed, that it is often necessary to give grs XV. Of the Specacuanhar of our Shops to excite vomiting; What I have said will account for the different opinions respecting the dose. I have already spoken of the use of this article in Hemorrhages, under the general use of Emelies. It has likewise been a dvised in Intermittents. _ Do Cullen says that he know a physi-- cian who cured these Jevers by nauseating doses of it, just before the pawxysms. It answers better than the antimonical preparations.

garden madely their the South was not are found their in plant 1 we in the desires to be at the party or and other the second of the tha 1 one conserved growing about these explains moderately will color as well at the 1 be it will exceed for the different of more sufficient that were

It has been employed in small nauseating doses, continued for some time in Phrisis Pulmonalis. an eminent Physician has adopted this practice, and I have done the same. I combine gus i or grafs i of the Specamanha with go vi or viii of breta, and I give two, three, or four of them in the twenty four hours; I merely give sufficient to nauseate, and if this does not produce that effect, I increase the quantity. I have found it very beneficial, giving, great relief; atthough I cannot say it has ever made a complect Twee; In cases of vomua, and abselves of the Lungs I have found it As remedy in Otsthima it was much processed by D. akenside, and I recommend you to read his paper, in the Medical transactions of the College of Physicians at Sondon. He says he is acquainted with no better medicine in this disease than Speedeacha. In a violent parox ysm of Spasmodic asthma he gave It to relieve it, but in the habitual disposition he gave go 111 to v. every morning or every other morning to excite naused, he says that five grains pulse some people, but that three do not. In the humoral asthma this has been recommended along with other emelies. One of those who advise it is Revenus. Dr. akenside thinks this is an unnefacy distinction, he says that they are almost always complicated with each other? In the Confluent Imall Pox where the patient is nearly strangulated from being unable to spit, I give It of I peraenanha. ... Di Cullen thinks that Speedewanha is useful in asthma by determining to the skin; he has not been successful in the employment of it. I have

contained for some and in the way I redirected the me Suggestion that welefted the product and at have done the series tending coursely que dies solves or Joses of Them on the leverty pare sond; effect I much the quality of their found it very horizone? exist other, all Hough I considered it has ever much a very take case the cases of romain a not the fire of the Langer have found it hartier land with the remains we warmed with the course I all abhanceds and at economics of you to read the form in the Alederal himsulations of the College of I Hyridian at London to down the is suggested and the me fette more die un in the all was m Speculation . The a materil fring your of it make it that was i p he say that five grains fred a some people des the st these m u. easy that they are almost along confidences and over their cu in the legis feature handles top ste exy

given specauanha upon the authority of De akenside with great advan = tage, in the Spasmodic, but not the humoral as thma. Though our me divine is so useful in relieving as thomas yet it is not less a fact that the effusions) effused of it indices the disease. Tome had a pupil, now D' David Jones, who always was affected with asthma from weighing out Theracuanha; sus = - pecting this to very much depend upon the imagination, Jones muxed some of it with Jalap, and found that weighing out this, also produced a fet of the asthma, though not so violent as a one as when he weighed the specimenta alone! Dr. Scott mentions two similar instances. Therainanha has been found useful in Dropsy; particularly in anarsarea, in the form of Dovers powder. Thave not had much experience in this practice; but I have adopted it in some cases, and it never failed to give relief to some patients who were afflicted with Hydrothorax and anasared. There is no disease in which specaewanker is more employed than in Dysentery. _ Dr. James Clark, has used it in Infusion, and this he thinks produces more permanent effects than it does in substance. He prefers the Specacuanha to antimony, as it does not produce so much Debilly, which rencumstances renders the latter more particularly improper, in a warm Climate, such as Dr. Clark practised in. Mr. Dick of the East Indies used the Speculanhow in infusion with great advantage. - It puted the first day, but not afterwards, and he frequently observed it purge more than many of the strongest Carthaties. I have myself had a great deal of experience here, and have used it, both in recent, and in old

South Hind the of second of finder of the excluse the allienced. Some had a fuglet word It I wind stoned with placed and mental down it it with the day and from the it was heary out the , who produced again the action struct and so without as a one as when the marked the Maranes washed in lines. when both in themore in me the form of Lovies of when with and nd hard will approve on the processes but I have all shoot was conflicted there in chapterlay , - It store to look has exect to an amplaine, and the the thinks province were form weret warm to timate heart as I'm to look months and some still Death of the East Indies weal the yourselver in when a with anounders - it possed the first day, but not afterward The juganity afterned it fings much their watery of the descript the the lies I have my self had a good deal of

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eases to great advantage. I had almost said that it is a kind of Specific; But it is best adapted to some particular kinds, as those running on to Typhus. My method of exhibiting it, differs from that of most others: Instead of using the Infusion I give the powder commonly combined with opinin, and weter, in the following proportions,

R. Ipecacuanha. _____gr. XII

Opin ______gr. XXIV. M.

and divide to viii doses. This is the proper proportions when the

Ipecaewanha is good. The Ereta is not efsentially necessary. It thus appears that each dose contains about grifs of Specaewanha; 4 gr of openin, and gr 111 of Creta.

Thowe employed Specauanha in a great many cases of Drysentery, both in puriate, and in public practice, and feldom failed to produce good effects. Dr. Chisholm combined it with Calomel. I think the medicine best adapted to those cases approaching to the nature of himorrhages, or the Dysenteria cruenta with hardened forces; If the faces have been largely and long (accumulating) accumulated in the Intestines, I think it would not be found of much service untill after much purging. In the Dysentery with mucus, or sliny discharges it is left useful, than in that Johns where the stools are mixed with blood.

I conclude with advising you to make use of the form which I have given, and if you are not happy with it. I will be contented to loofe half the confidence the class may repose in my opinion, or advice. In warm Elimates particularly it is the best medicine that can be employed.

Commencer on the Separation of the residence of the public of the substitute of the See XXXV. wilk. and Just to 1214 doors . I have it then proper propertient when the The common is good . The tester is not appropriately marginary. It has appeared had each door con visit would get for of Assamunha go of species and go III of Easter in morning minimum in I have originally therein and in a grant commence for firstlery list in facility and in facility frontier and Joldson Jaked to produce jours offects. I I titholow continued it with tralomate a Brank the material last ad with it Thank it would not to former of much warm with after much Sugary - a che the Depending with much a damy distinger I conclude and you to make in of the John which I have great and of you we not traffy well it is will be watertake to longer half the way drawn The cay may report in my opinion, as a during . The wines their also

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I do not suppose it to have any Specific action, D' Cullen thought that it acted as a jurgative, and others say that it is most useful when it does not act so, particularly the George Baker. These opinions are however incorrect. It is thought by Dr. Mosely to determine to the Shin, and produce its effects in that manner. I do not believe that it acts by purging, since the opinion I combined with it would prevent that effect. Nor do I think it acts by determining to the skin, because those patients whom it sweated were not more benefited, than they who did not sweat. In Eynanche Frachealis I have sweet fully employed the combination of Specacuanha with Calomel, I prefer Specacuanha to antimorial wine, because the dose is more certain, and includes less distrity. This Debilety sometimes kills the patient after he has recovered from the disease. _ In Colica hepatica it has often been found useful by some of the French physicians. I have aheady spoken of its effects in dime = nishing) the power of openin, when treating of Dovers powder. _ I Girl who was nearly kelled by swallowing a large Dose of Oping, was saved by taking continued ones of Specacuanha, without including much vometing. It is therefore an excellent remedy in such eases by its emetic quality, and also by its power of deminishing the activity of openin: In such cases infusion of Mustard is extremely useful too. You will always find that gr 11 of open combined with gr 11 of Specaen anha will not produce as much effect upon your patients as go i of opum alone. - Dovers powder seldom produces sound sleeps, although the patient be quite free from pain, I gave our medicine,

both in powder, and in wine, the following is the

there grown are trained incorrect and the dissiple of the chiefer Electrica to the fire was produced its affect in thick inframen. of do not believe that is not in fair for gray a wine the spilled is excessed to evert of mound from that effect, a low at a truck. to severally de were and more throughout. With they who lade and dements. The Elija direction of our tradition there are suppliedly hecaracion has to lindercount winters the wise the day it counts willand year enclosed tage real by the whole it is they seem from the this stabled it has flee book from anget by one of the Sund = 7 sl downwing the return of opening in our hooder infusion of Mentioned is there in weeken love . Here well shown find that with it speed continied with you is of Apendounted will is perior relieves in Laver from the all down fronteres sound where though the fations be quete for from from I good on medicine, The freedow and in wind, the following is the

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Spendenanha wine

R. Root of Specae. __ Zii

Spanish white wine - pts ii . or according to the

Edenburgh bollege R. Root of Specae. _ Zi

(and strain, I pref) Spanish white wine _ Zxv. Degest for ten days

and strain, I prefer the formula of the Edenburgh bollege. The dose

is Zi more or lefs, according to the age, and constitution of the patient.

Children five, or Lix months old will take about Softy, or jo duspos. _

Speried trifoliotta. __ Indian puke! The

This considerably exembles the Speedenanha, it grows near Philadephia, the Root consists of Bark, and wood, the former of which possesses the emetic quality, in a greater degree than the latter, but the wood profeses some of it, and resides in a small proportion also in the leaves and stem. In the United States it is generally given in desoction; and most commonly in too large closes. The best method of giving it is to powder the back and give it in substance. In order to puke it is necessary sometimes to give go XX. In the state of powder it resembles so much the I preacuanha, that some preety competement Judges, are at Just unable to distinguish. Them. Tometimes it requires go XXX and even XL to puke. I produced this effect however with gr XV or XX of some that was brought from Tennessee. This medicine bears so great a resemblence to Tperacuanha, that the only objection against its being substituted for that article, is the large closes that is necessary to make it operate. I mentioned before that the Horse cannot vomit, this article however is given to him, to increase the tone of his Homach. The plant about Philadelphia is called Beaumans root, and also North american Specacuanha.

and the seas . I feel for the Journalise of the Coper hear I Call grown on say, accounting to the ago, now constitution of the patent Children five on the months the will take about sail of injure Spinea tory clienta. Induan prince The consideration when exemples the Specialistic it green areas I relacity have . The Best of would of Boards and covered . The have of which popular the water quality, in a general sugar show the tion who is the leaves can I steem . I'm the Month Steets it is princely point in describer ; north most commonly in too large loves . The black continued to required you XXX and every Xin to finite at produced they Hed Francisco with go X 2 in XX of one Had no Swap he has love the condition to me so grade a season blowing to a province Them to more my fee love of the Flore is a he plant about

200. Spirea obtundisolia. Is another plant of the same genus. The flowers are a good tonic, equal to the best Chamomile. This plant in order to act as an emetic must be given in large closes, larger than the trifolidata: It is called in Fenorsylvania Nine Bank, and in Virginia seven Back. Asarum. Nigot ginger. This was used by the antients as an emelie, but is not now. Tinnoous recommends it. It should be given in powder in doses of II and sometimes lefs. The root and leaves both possels the emetic power. This plant is called bolts foot; It has been employed in Intermittents with advantage, and likewise in Perlufsis or hooping Cough. It is useful both by its emetic and expectorant qualities. Seilla maritima Squills. === This is a native of Spain, Portugal, and Aprica: It grows near the Sed, on which account, it is called Maritima. The bulb is emetic, divetic, and expectorant; about go is 3 of the root, as it is found in the Thops produce full vomiting; go XX of the recent root however is necessary for this purpose. As an emetic, it is not much used, and it is not, very (much) good durete, being so uncertain. D' Lewis has shewn that it looses four Jefths of its weight by being kept, This lofs however is only of water, so That four growing of day squills are equal to wenty of the fresh !

obtundifolia. minde To complete fil and it the same Janes The Havin are a good tome equal to the best tohummed the week are the forest deven Clauke. Somem. Wild ginger: This was week by the audienty to so me but a not made Tomacais reasonments it Authorite to give in received in later of DA and constines left, The riot and leaver list people the smith power I has below to alled to the fool ist her from confiloyed in chider metheriety with advantage, and telision in Dentufois on harpony bought it is wife I live in the empter ound as performed a weaplier . sulla maristina. Iquillis. Ince is a materia of afferen, Sectional and others: It grown mean the dea in which ourself it is collect -Analose . The bull a enrete duries and experiently about ground The root, or it is found in the Thirty frederic full constitut for XX of the second next howseness is needland for this furface. In in motion the and week wood word to it well were formed good durate being so government in Sunt has strong that it leaves from Jeffer fred age by burne hapt. This less however umby of water so that Jun grains of day squills one equale to leaving of the first

Mustard & Horse Radish I weak infusion of Mustard is used so word to cheek vometing, but both the powder and infusion, if strong enough is emetic. It is very useful where an overdose of Sandanum has been taken. An infusion of horse radish is likewise Cassena. This is a Native of the United states, and is employed as an emetil by the Indians, and by our own physicians. · I would recommend the examination of some of our species of violets, with a view to their emetic effects some of them have been found little inferior to Specacuanha. Ineral Emetics Many of the preparations of Copper, are emetic, but the most mulgous is the Blue Vitriol Dr. Cullen says that he has not employed This, but that it is used as a nauseating medicine. It is very highly recommended by Dr. Simmonds in Pulmonary Consumption, he gave it in the morning in this man = = men: The patient swallows half a first of water, and then takes the blue vetriol in a cup of water; This is thrown up

Thusbard of Horse Rudish:) of weath infraring of Alexand is used is need to chiek someting, but but her finder with while if and consider of an interior of it is very coffee when an execution Tablement has been taken all inferior of mer radical in take and tafrena. That is no stacking of the United States ; open is supplying as use conclus by the Southerness and by our own physicisms Com have been found little enforces to at we common him -Himmel Combies Blue Vilyick It's Callen says that he has not conjudge highly recommended by I'm Thomas de in a Pulanoncery Constant plane, he gave to is the morning in this man. new: The featest swallows halfer fred of water much the

immediately, and he takes another half pint of water, which will also be thrown up, he varied the dose from go if to go XX. I believe that go it will generally be found sufficient to excite vometing? The blue vitiol was also employed by Dr adain, he gaine it as a purge, but not as a vomit. It debititutes and sweats the patient less than the antimonials. Of late the Blue vitriol has been employed in the Southern States in Eynanche Trachealis, and is almost the only medicine used there in that affection. I have not pursued this practice yet. I suspect that the safest way to give it to a Child, three, or four, years of age, would be to difsolve about go viii in a half pint of water, and of this about Zii should be given every fifteen minutes. www Di Marriott has spoken highly of an emetic called the Dry vomit, which is composed of equal parts

of Tartar emelii, and Blue vitriol. The close is go, v. without any liquid, from which it is called the Dry vomit.

Corrosive Jublimate.

This is also an emetic, but is not generally employed in practice as one, It is used in Maryland in Eynanche' Trachealis as mentioned before.

Turpeth mineral.

This acts briskly as an emetic, in doses of from three to five grains, or to Six grains, for an adult,

also or hearn up, he saved the dose from gut to go XX. I herrow those fait will demenged so found out friends to every word The other select was well amplined by In advan to gument it is a people, but not us a nomet. It delitables and suran The paramet this proceed opto. It suspect that the safest way to me it to a Child . There or form, years of cape would be to to my faction much you will now as hard from of water, and of this where fit someth up frofteen minutes, more contact collect the Day court, which is comprosed of organic fourth - Lastar contle made star street. The date is beginned out my hope it from sheets it is extlait the buy writed on our Corresive Julimate. This is who are emplied, that is not governelly employed in hearter in over the in wood as allanden a temperate has healed as mentioned before more Turketh minioral lover of from these to five grown or to do grains for our extents.

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is not given after it has purpose in practice, If however a purge is not given after it has puked, It salviales; I comploy it to produce this effect. The Turpeth mineral is sometimes employed in Hernia Humoralis. If Eutlen does not like this preparation as an Emetic, but I have used it in various affections; I have prescribed it in Cynanche' Maligna, or Tearleton Learlatina Anginosa with success. — As an emetic it appears to me to throw any un-usual quantity of water from the stomach. I lately gave in Crynanche' Malignal from go ii to go ii fo of it to a Child four years of age. — In a memorandum of several cases in which I used it; I find it always almost to come up as soon as it towness the stomach; and in a Majority of cases when given as an emetic, it salvates in 36 hours.

White Vilriol.

This is a sudden emetic in doses of from five to six grains to 3fs, on this account it is commonly given where poisonous substances has been taken into the Stomach, I prefer housever the iperacuanha or an infusion of Mustard. Do Boerhoove thought it proper to evacuate the Stomach of the fungous vegetables, but not of Assenic or corrosive subtimate, because it is a stimulating article. The following is menutating article.

Come fine to sex groves to He, no she was can't it is comment gener store forknoin substances have been laken with the there was it freshe hadron the operation on an or present "Thattend in It . But some Trought of my is to evanuet

Moselys vitriolic solution. R. White Vitriol ... 3111 Roch allum ___ 31 Boiling water pt 1 Cochineal gr -111 Mix them in a Marble mortan (till) let them subside till cold, and strain for use. The lochineal is added merely to colour The solution, and may be very properly smitted. D'Mosely says that a table spromfull is a dose for an adult, and a tea spoonfull for a child. But the dose is very uncertain. I have used it chiefly in Consumption, and done much good with it in this disease, Toften give it, and always with advantage; indeed some pratients were apparently cured by it. I consider this as the best me thad of treating Sulmonary Consumption: I think that the medicine is better if the alum be omitted in Perlufies, for it makes it apt to purge. The debility induced by the vitriolie solution is slight, and merely momentary, and it is but little inclined to sweat. In Mosely employed it in Dysenlery Tartar Emetic. This is the preparation of Antimory which is most commonly employed in England, and in the United States. It is made by boiling Together, equal parts of the glass of antimony, and the Eream of Tartar; untitl the latter is saturated, the mixture is then suffered to cool, and it deposits crystalls of Tartar emetic; It is

whiting Hosely Expectic and the sound good with at an the finger staffer guirely appearably sensed by els at musical and this set that he to a sense its Charles a Pelisianany Easternfames Steel Best 12 Je. a Destar Conclu. 1 Range at a month of the set of the Bud of what is not he was the first of the face of the same is the same of the n 205.

Secomposed by heal, the alkalies &c. To assist its operation we often use bardius and bamomile Tea. I believe the best method of facilitating the operation is the common domestic practice of giving the bardius tea, the dose is from one to five grains when it is designed to fuke and puke.

One grain, or one and a half combined with eight or len grains of Specacuanha, Thave found a very useful emetic. When we wish to give the Tartar emetic alone, and do not know the constitution of the patient, we dissolve four grains of it in eight table spoons of water, and give one of spoonsall every sisteen minutes untill it operates.

Kermes mineral.

This is made by boiling the one of antimeony in a pure alkaline solution, fitting, cooling, and a suffering emistable to be deposited. This is much used in France, and the United States, in closes of from two to three grains it vomits and purges, and in small closes of gri it nauseates. It has been used in Dropsy, and in Anginose affections.

Tames's power.

known, but the supposed Recipe is as follows. Calcine some Antimony into an of a unglazed earther wefsel, and add from time to time dephlegmatic animal oil, and salt: Add also melted nitre. It is a phosphate of lime, and emimony combined together. Notwithstanding this, however I believe that we do not know the composition of this famous powder.

Lames is peutis. wytaza carthen weferly and add for line to time deportegonale converte at and sails that the meller the to the is in play time of their and in the

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I think that James combined a portion of Tartar Emetic; he first gave Menury along with his medicine. It is a very important article, but its opera. tion is very difficult, and different, Sometimes small doses will however begin with small doses, and I think five grains an Terhaps too much has been ascribed to this article. James gave it in Intermettents to clear out the stomach, after which he poured in the bark. The powder sometimes Salivates. I have not used it much? but have sometimes employed it with more effect than any other Antimonical in use. For this reason I think that its composition is unknown. minimum Dr. butten was the first distinguished teacher who recommended the Antimonials to cure Tevers; and by means of his numerous pupils, the practice was very widely spread. Their operation in curing fevers is not I think well understood. Dr. Eullen thought that they produced no good effects, unless they womited or excited naused. I cannot however think that they act by inducing somiting alone, because if so, the other emetics would do equally well, as aguills, for glove &c. Therefore agree with Dr Fordyce that there is somewhat of a specific action which belongs to the antimonials. But I cannot agree with him in the I dea that vometing makes these medicines loose much of their effects; he supposes that whenever a medicine vamity, that effect prevents, or diminishes its other operations.

The statement of the second and the second s The second section of the second the hope of the the homestice of the holds will be the the

This however is not the case with all medicines. I have other oby told you that chrenic cures Intermittents whether it produces sick = nefs at Stomach, or not. It seems induced to act more powerfully when it produces this effect. The vomiting induced by Inecacuanha Lead, Eopper &c. does not appear to diminish their good effects.

Alpon the whole I do not think that the (antimonial) necuse at occasioned by the Antimonials renders them the lefs apt to cure fevers, indeed I think it improves them. I have used the Tartar Emetic as an I have used the Tartar Emetic as an I spection in Genorchaed in the proportion of from four to six I grains of it to Zvi or viii of water, to stimulate the method with when the running has been stopped too suddenly.

These are medicines evacuating the intestines olouvourds, and promoting the discharge by stool. They are unquestionably some of the most important agents in the hands of physicians: Indeed Castharties, Emetics, and Blood letting appear to be the natural remedies for disease. Some of our best Catharties have been taught us by Savages, and even by Buttes. I have been taught us by Savages, and even by Buttes. I have been taught us conditions of the System. The operation of the Intestines downwards. This operation is very extensive, affecting the Intestines downwards. This operation is very extensive, affecting the Intestined Carnal. They increase the peristable motion, when it is preternaturally slow, or obstructed. In some persons the action of the intestines is different

recovered by the level meaned and of love that the to construct indust I think it in pour their firm (inthin) his continued to form from the order of the interior is hefound

from what it is in others, but perhaps a person should in general have an evacuation once in every twenty four hours: but This is not an universal rule. The state of the stomach has some influence. Catharties produce a decided effect upon the pulse, and heat of the body, diminishing them considerably more than blood letting. They are therefore in dispensible in Severs. In Apoplexy however, when the motion of the blood is slow, but full, purgatives increase its frequency, as does also venoesection! Among Their other effects, is that of producing sleeps. This I have noticed to be a striking effect upon Maniacs. ... I might also speak upon their effect upon the mind. Metancholy is often occasioned by an accumulation in the intestinal Canal; sometimes (inisestability) initability are produced by the same cause. These states of the mind are then removed by purging. The operation of pur gatives is disninished, or even prevented by intense application of the mind, and that in proportion to the intensity of that application. Thus I suppose that while Si Isaac Newton was deeply engaged on an important question, the operation of a Cathartic would be lest on him. (SB: what follows on this, I'll not write.) morning

It is a disputed point among forhysicians, whether or not East Catharties are taken up into the circulation. I suspect some of them are. Some of them are mild substances, indeed so much so, as to form a part of diet. The Colouring matter of Rheubarb is perceptible even in the urine, and even in the sweat.

low what is is in stores, but freshops in farm should in James have are consideration once in our every tenenty from tering a class that is not an uneredule rules, The states of the steerach has some influences. catharties produce a doudant offer you the factor and hand of the body, diminishing them considerably more than I look tetting a closer our treation in dispersable son I ever about it Teopley humans, when the notion of the teless is a love but. perjuling mineral at Jugarney as the who vendestions chory him the offers what of producing stop, The Is have reduced to be a studing effect after a Haminet again the moids a the tour half in often oudlander by an initability in produced by the sume wiere. Surveduing the mainting their universe by particle . This about the is ting ations at dismoustress, on even presented by whome interesting of that application. This Douglass That while The charac executor and deeply engaged son in impolant questions the operations of a bashartie would be less on her all what follow so this of the not unite) as were

Je may indeed be alledged that this colouring matter is not the pungative matter, but I do not think they are different, since if we obtain it from Rheubarb in water it will punge. From the action of pungatives upon suckling Children through the medium of the Mothers milk, we seem to derive a proof of their absorption. Besides if a pungative be applied repeatedly to an open if we it will have the effect of punging the patient. These however are not certain proofs, since the quantity of the Cathartic which is thus absorbed cannot be sufficient to act in the intestines.

The dose of pungatives is different in

different persons, or in the same person, at different times, in different climates, or even in different states of Society. I warm Some persons are very insensible to them, while in others, there is a peculian sensibility to their operation. I know some delicate females who are puryed by one, or two grains of Afra Fælida, and some who are affected in the same manner by two tea spoonfulls of Alolofses. In Purging as you well know, is included by various states of the system. The cause producing the Gellow fever, seemed to act with peculiar power in some people on the intestinal canal, and thus sometimes cared the fever. In I think that larger doses of Cathalis are necessary in warm climates, that larger doses of Cathalis are necessary in warm climates, that has colder ones; and that people of the higher orders of society are more sensible to the action of these medicines, than those of a lower rank. It is well known that the Cathalis

It is well known that the Cathoutic medicines differ very much in their degrees of power, some acting gently, though at the same time they empty the intestines

with and in language were through a facine a sitt gestam from from the granding of the the the transition are The delected surger but sufficient to act in the white them. Ale done of fair patient is sufficient from it green claiment in ones in different a live of concerns. I want in the first tenth of the first of the second o the first the second of the second second is again to the are come who are official in the continue maining in charged following the first the second was now in Section property is not unant francis gainer of The first the second of the second of the second of the second is not in morning from a proper region, so to will a

completely, while others are more violent in their operation, they have therefore been divided into meteora Jacriora by Di bullen: He thinks there are some acting as stimutants upon the extremites of the exhalents in the intestines, and others which likewise increase the action of these vefsels, but at the same time increase the peristattic motion also. Though they increase this action, yet they cannot stime. late the intestines so much as to inflame them, even when taken in very large doses, as is the case with Glaubers salts. mm D" Duncan has divided the Catharties into 1 to Cathoutie a Stimutantia, as aloes, Julap &c. 2 nd Cathartica Repigentia, as the neutral salts &c. 3 rd Cathartica Adstringentia, as Rhubarb. 4th Cathartica Emollentia, as Castor oil, Manna &. 5 th Cathartica Nancotica, as Tobacco, Gambouge &c. This arrangement has been duly praised, but I think that there is not much propriety in it. Many of the Classes are improperly denominated, though I must acknow. ledge, that others are good. To the term Adstringentia as applied to a set of Cathartic medicines I object; but I have nothing to say against Emollentia; That of Nartica however is very exceptionable. The short time we have before us will not admit of a discussion of the Diseases, in which Eathartics are used, and have been employed. Therefore refer you to D" Hamiltons works upon Cathactics. I would observe however that Flamilton goes too for with them in Epilepsy, Chorece &c. He takes a great deal of

Some Therefore down divided with ithe Esta Ratestara by it. m years the extensible of the extension of the sector w last out the scarge their coursesours who planted the macked with m 90 p I Bear on Lac remark M. E. Harry site NE of " Enthander Homeston to a collect Section for 2 and Eather steer a Regligered as the member of you I the Standard of the the the the second of the second of is the Eddle Hickory Sugar the is between Gran ownge go n name mething to say against limitenties; these of Surface have ever it is easy exceptioned to be a second with the second of the s The about things with house before use with not admit of a direction of the Electrics, in D. which tradition ties was every and have been in played; I showfre refer you to all Turnelline course of on Carolin tis. Tanadad observe havener that Form les goes to Jour walk som in Gulgey, Exerce You the to est a raid stand of

ment to himself for discovering that purgatives should be freely used in Typhus, in opposition to Di. Sydenham. I however mention the propriety of employing them in that discuss many years ago, in this room, and before Flamilton published his work. His book however is an excellent practical one; he makes one very good practical remark, which is, that the good effects of Catharties do not depend upon the quantity of the evacuation induced, but upon the local initiation produced upon the intestines. In my view of the Cathartic medicines. Is half first speak, of those which are derived from the vegetable kingdom, Secondly, of the Newtral Salts, and Described of the Mineral Catharties, and Southly of the Miscellaneous ones.

Vegetable bathartics

I shall heat of the puncipal ones, beginning with the milder, and going on to those which are more powerfull.

Dried Fruits

Many of these, as containing a Saccharine matter, or gentle Catharties.

This is a Saccharine matter of a peculiar kind, and not as Cullen says, no more powerful as a purge than so much Sugar. www.

experience for the first spine the legal substitutions glade angulam stramely of the esteedall total interested Chieffy of the Mount Catherles and Summer of the Figilalle (allmilies Breed Sylvila

Brown Jugar and Molasses. Are both Cathartic; The molafses however more so than the Sugar; In some persons its effects are very evident. Money-This is laxitive, more so also than Sugar. Oleum Ricine Castor Oil. This is obtained from the seed of the Ricinus communis, which grows very well in the United States, Though it is not a Wative, but it is derived from the West Indies. The close for an Adult is Ifs, or a large table spoonfull: Some persons however require Zi, and some of these persons are easily affected by other purgatives. The Eastor oil is useful in all cases where all purgatives are proper, but it is particularly so in some cases, since it does not gripe; Unless given in very large doses it seldom produces more than two, or Three evacuations, with very little, or no healing effects. I It is very good in Hamophysis, and is much used in Dysentery. It has been highly recommended in tolled fillowing and is well suited to this affection when given in large doses, but in some cases more powerful purgatives are nexessary, as Calomel in large doses, Gambouge, or large Loses of Cream of Jartar . mumminum It is a nauce along I nauceous medicine, and therefore it is a desirable thing to remove that peoperty. of it, as much as possible. Adults prefer it in wine, or brandy

Experientedas and exceptiones. Honest. Clean Lune Caster Cre. They is all assered from the seem of the Therein commercia, which grows very well in the things which the state the con a fourth of the one there is that if the first of some glassen freeen appeared to anti- dean grader from and carety upported by the frequency The lance and in as ful or are some when are hand that we shad and and a president in in it is not in a course of the said good to the said for the said to my congruence at sindown prevention more three last in Fareser commentation and hately a me hearing of first . I get as new in two the and played, and is much sixed in Stephen 19 to have been highly wermines deet in Collect pholes fallens. and is coall suited to this affection, when given in langer weed but on some cores more fromeeful fung this wine mere frame as tensioned our large doors francticage or large Ates of became of Souther warm It is an maine a long or in nace our me decime. 26, as nearly as propolers, while he people it is seemed or transly

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Agua man Zvi M. Dose a table spoonfull every three hours. This is a lefs unpalatable form than any other. It is a mild one, and therefore only proper as a gentle laxative for Children, or delicate Adults. It is very proper in mild cases of Dysentery: In giving it in this disease I often add to Zviii or X of this mixture 80 or 100 of Lad) Lau danum, After having previously

The best is allowed to be the Rheum Palmatum. It is a gentle purgative, and well adapted to almost every age and Constitution, but it must be given in large doses; to an Adult it is necessary to give Is and sometimes It. sometimes however go XX are sufficient. Larger doses however frequently occasion griping, but less so than any of the other Esthastics. Children take it well, and it is very proper for them, being so gentle in its operation. It sits well upon the Stomach, and has many end = vantages over I alaps, being less disposed to puse, and gripe, and less healing than that medicine is found. It be. Mith Calomet it forms a most excellent and

distribute that are consisted though at him I have we have the call who was soon in how through the was the in their staying years of in the freemany morning granger to every there haver where is a different at the forthe week and the total from have may other, the ever world one and thought only grapes properties and a seek of Languisting's also growing into see South Exercises a later and the good on the of the soul had the the Jacob Stand Same Cangarand & of the Land of Same and General Value and Boundary Control of the world Shirlart. nousewer he presently occasion grapmy a but top so show carry of this when to attenders . Building to have not good from I as very fright for the Stewn lovery way for growth in all of consum. I was carely express that there we have a said here one way as the variage som elataps heng left explaned to finder our

certain punge. To an Adult we may give go XN of Rhubarb, and from go in to vi of balomel. To this punge of an very much allached. Rhubarb corrects considerably the odour of the faces. It is a bilter, and therefore a Tonic in some measure, and does not debititate the Homach. The infusion of it is and excellent tonic. Some writers say that it is not an adstring gent, but it is so to the taste, and to the best Chemical tests. Some observe that it operates upon the liver, and recommend it in Call Molice. Others speak of its Anthelmintic powers, but it is not more of an Anthelmintic than other batharties. It is unquestionably absorbed into the circustation, and appears in the wine, perspiration, and serum of the blood.

Juglans on Butter nut.

This grows very abundantly in the United States, and is an excellent Eathartic. It is an extract from the union bark which is employed for this purpose. When well prepared this is of a deep brown colour, and of a sweetish taste and considerably adstringent. It is one of the best Catharties that can be employed. The close is about go XII and sometimes from I to Zi while on the other hand I have known five grains to purge. It is not disposed to puke. This extract has been decused of producing disagreeable effects. I have discovered an anadyne quality in it. I have used it in considerable quantities, and for several years without observing any inconvenience from it. A more elegant Catharties I do not know than the Suglans well prepared. It is very usefull in Dysentery. A Decortion of it is given in the Sellow water

as lactic flanger, and was which the continue was grown and the second of the second attached to a thickness governe same down by the relation of the facts securitient tource: France warden day short in as and are watering and suit it is so to the hard and to the that thousand I laste. malans a Bulley out. theres, and a new excellent broth with . all it are extended in the mine book which is employed for this properse. men will fire france of his is afree course arrange a column and The date is a bank on the and constance from It is for The court depased to just a file extract has less mayed producing discussionally offerthe Anne discovered an some them the Inglow with papered with it my wefer By souling, at Duck on of the or point, in this Trillian was

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of the horse, which is a malignant Fever. immunim

The Siliquosce as Eathartics

The unbruised seed of the Mustard to the extent of about a table spoonfull is a good Eathartic. I found it very useful to me in inequitor Gout, and it is also proper in Chronic Rheumattism. In Febris Alba, or Chlorosis it does not leave the bowels disposed to bostiveness. I sometimes give a table spoon full two or three (hours) times a day, and it does not produce any disagreeable effects upon the Stomach.

Afsa Foetida.

This is frequently a very gentle purge in doses of from grit to go or with delicate women &c. _

Swatery solution of this is a good Cathartic. I have used it particularly in cases of Paralysis. The dose is a table spoonfull two, or Three times a day www.

Senna

This is a plant which is cultivated in Turkey, Syria, and Tersia. The leaves are disagreeable to the taste, and contain an efsential oil, and a gum resin. This is a safe purgalive, but it generally gripes a little; to prevent which we generally give with it an

The Phiguison is Enthustics A Journel it wany warful to some one me town to totall, owned it es celso proper con Como see at recessor et the see and a see Fraise extendes on the tax cold of diese suit livered Star Corners despected to hadising for a samplines give a but to square field line or There (haves) lances as ology, amole of alver soot reconsers any clesseguesable offerthe upon the From out. How Falida in door of paris gate to go as week all limits income of a Commission density ed conting outlition of which it is grant There asked sills. The dose is a too bee opened all toos, or This is as plant which is whenlest in Tuesty Tyria , and Think other board are discipled able ? I the the to an it and their con afterdard out and and a given i with the present which was generally give with the con

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Annatie or some noutral salts, as Claubers, or Eream of Tartar. Cassia Marylandica This is much like the Senna, and the dist is nearly the same. Teneka This is Eathantic, Duretic, and Emetic. It is a Cathartic in decoction, and is used in Cynanche Irachealis and in Dropsy. I shall say more of it when treating of Dunetics. This belongs to the same family with the Polatoe, and derives its name from a lown called Idlappa. It is a native of the southern part of the american continent, and it is said to be found also in the United States. The resinous parts contain The virtues of the plant, the gummy parts have less of them. Talap is certainly a very useful cathartie, and is more employed in Butown then in this country. I. Hoffman Shought it unsafe for children . D. Cullen biturded it with crystalls of cream of Tartar, and liked it very well. I do not observe, says he, that it is healing, unless in large doses. I do not approve of it for children, it often gripes, and pukes, and I do not think that it is benefitted by being combined with Cream of Sarter; on the contrary, I have found this combination to increase the griping. I always combine

the Calomet with it. The average close for an Adult

American remains mentioned and the of four best or browner of Samelin Capacia, Horytandica This is much like the stone of Tomeka Emisates. Detail as Emission in Microston, many of wend on Expression of actionales on an Drophy I Jakak asher course to the same farmed would the Polateer, and deeper its wave from a lower contact statespar all is a renter of the restler for of the Coursease continent, cand it is seeid to to format a too in the thouland Hules, The remains of mote contains has no beer of the plant, he presery parte have left of things , estallage to containing to very right ratheritis, in it es suren somproyed evil Buterin Manuar This court y. It stepmen shought at under for chetching . In butter declaracted at with emploited of curary of election, and todant it way will. I top out observed days her that it a handing, undefrom tains doses. I do not approve of it for Filebran, its open grepres, and pures, and I concled do and think that it is braighted by burg combined with discuss of Status on the conting, I have Jourd this combinations to removered the property. at a long combine The Dolland south it who indense or close for an exclude

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Tennsylvania is go XXV. But it is given in doses of from
go XV to Ifs. Children at the breast may take go 11, 111 or 10,

But Isomely ever give it except with calomet. Takap in sub=

stance is far preferable to any of the preparations of it; which

are: The extract of I alap, and the Tiniture of I alaps,

of this, the close is from I to Ifs, by itself or with a little

symp. Combined with Calomel I alap is cen

excellent Anthelmetic, and often succeeds aftermany others

have failed.

Podophyllum Peltalum. May apple

This grows in Tennsylvanice, and in New York where it is called the Mandrake. In order to obtain the purgative effect of this common root, it must be combined with calomel.

R. The powdered root go X to Xii Calomel - go in to vi. m.

This is a close for an Adult. Thave sometimes combined with bream of Tartow, but this combination induces griping. The Podophyllum is an article well adopted to the Intermittent and Remittent fevers of this bountry. The close here is about gixx, and it will act more effectually than I alaps in the same quantity. Its griping powers are preety simular to those of I alap. I have recommended it to some who did not succeed with it because they took it up in the spring, whereas they should have waited untill the adulumn, when the fruit is perfectly ripe; and the leaves yellow and withered away. The flower of this plant is of a cream white, the fuit when ripe is yellow and the root grows horizontally. The whole of-

test assistant were given it enight with cultimed, a subaly in act. your a facilities for the day of the second and in many are : when extends of charles and the Testing of Latery of of the stee dear is four for the to the or weath we the equips in some tour base of action the tentiment who layer is conexcellent that thenthe would of the successful affection of the Redopter them tollabure: May affer a tear Dark sisteres at it was content their advantage the when when to obtain the purgation effect of this commenced was themself The other president contract on & la XIV Calonal - gall to to my men. This is as close for an it black . I have don't line combined with became of Suite, but this combination werdings guifung to the Sadophy them is no retick week adopted to the Sydering High and Somittent Tenera of this Country, other dosen bear is whose gux X, and it will not more effectively than Sulapor The same quantity, Me grefing princes one prosty son to Made of Sularge. I have becommended it to some who died not surrand with it her water they took it hante the Ale Children a suking the free of far feetly refres word standard gallow and authorish away. The Hower in reduce and the not gives here preterly The while of

the fuit very pleasant. The article acts in Intermittents not only as a bath certic but seems to have a tendency to break up the type of the disease like back, and some other similar remedies. In manney

Hellebore.

The Helleborus niger grows spontane - ously on the mountains of Germany, but not in the United States, The root of it is a Cathordie in the close of from go to 3ft for an adult. The purgative quality seems to reside in the resinous parts. I more powerful Cathordie than any that has been yet mentioned, but still it is not very violent. The antients thought it well adupt ted to cases of Melancholia from and from other diseases of the Mind. I think that one set of batharties is more proper for cleansing one part of the intestinal canal than another. The Hellebore was much praised by Galen, and Hippocrates.

Gambouge.

This is the product of three different vegetables, that of our Shops is obtained from the plant-called I have found this article very useful as a Cathartic in the form of a pill, containing three or four grains: This will often purge, after graxx of balomet have failed, and whenever bastor oil will not produce that effect. Gambouge grs iii or iv, with as much balomet, is a very safe, and constant purgative.

I thin last it winds also deal a name decided programmes and Hellel Oc. creety as the mountains of Generally last not in the United sex to if you are adult, other perspective questil seems to woods in the reamons findle animous war ether is so moves passenged low harder is not very violent. The contains thereof he is not will never ted to ower of a Historich and how other diseases of the Hund . I Frank that we set of buthanties is more proper for coursein me four of the entertinant courant them countries the Hellebore was near the resident by Gerler, and Topperales, warming Gamerage. Alex to the Diamond of governor of Decen who for your your of our of the best of a second from me to be and we feel as so to thanke in the from of a field contraining there or four grains . Ind well of the first of after goods t to interpret have furted , and where the to arter at sin houser of as aller . Language In his as the wang on ment of the town to a count on first count completion

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This is the inspifsated juice of the Aloes perfoliata, made by cutting off the leaves near the stem, and drying the juice which is obtained from them. Hoes is a good Eathoutic, but is not often used alone, but with Gambouge, balomel &c. It is I think one ingredient of the different kinds of punging fills which are employed in the United States, such as Sees fills, which I believe to be the best Cathartic in general that I ever employed. It contains some of the Lyrup of Buckthown, some Calomel, Ialap, and Aloes: I believe too there is some Tartar Emelie, but we do not know the proportions.

Specific effect upon the last portion of the Intestinal Canal, it is very useful in cases of Obstruction, and Retention of the menses, but it is improper where there are hemorrhoidal tumors.

Scammonium.

This is the product of a species of It is a concrete juice the dose of which is from go iii to XII it is generally tributated with Jugar, when exhibited.

Colocynth.

This is a very diastic purge. It grows in Egypt, Turkey, and Persia, and the part which is employ'd is the fully of the fuit. It is nauceous, and bitter; The close is from gr 10 to X, and it is seldom employed by itself,

the second record record in the second properties in the second to the second second second second the second of perspect field expected was infragant in the street or and and with the street or and the street or and the street or and the street of the st afrage appeal assummen last and a property on a selection of man about near confect on course of strangerstam words & Milmeline of the Coloragolle. was in a want warm tout in the bearing so Egyple, Auchey, and Seron and the feel that the copily is the fairly of the fairly the soundard and letter The days a femilia to the mine of its organic and all interest

but is generally combined with other medicines. It (violentently) violently irratetes the intestines, and if given by itself it occasions pequently bloody stools. It is not probable that it has, as some authors say, cured Sypshilis by purging violently. The patients who were thus cured, were probably affected with Gonowhood. It is sometimes used to produce Abortion. I have now finished the subject of the regetable batharties, and shall proceed to the second Cathartic Neutral Salts. Several of the Salts Media or Metital Latte with alkaline Cases are employed in practice. Jince they are so commonly used; Is hall heat very fully of them Glauters Jalt. This is very much used, and the dose is about 31 for an adult, sometimes 3/1 is sufficient. Others I on the contrary require more. This cannot in any dose heat the Tystem, or produce Inflammation of the Intestines . " There are various ways of ren = dering the laste less nauseous than it is when given

dering the taste less nauseous than it is when given alone. Sometimes the Acid juice of a lime is squeesed into it, but the best method is to combine with every 31 of the Sulfshale of Sodd Ifs or It of the bream of Sartar. This, at the same time that it improves the taste inie ases the operation of the medicine.

performing bloody stones, aft wind good and which is had no as shown never joins fracte still, and by the of the are yeld to be dustined to and I have have to star deceded in Esthantick, southank Tills. Ferman of The Suite after a state of the wife the line to in from the . There shop was a commencely the co and may be highly for your Charles Sall less is a least 31 for an water to makine Their sufficients. Colored on the conditions request from affect amount on any done then the Hyden , or produce any trainer when There are oducie ways of now down & the laster less secuciones some et il in turn where . There times the other party of in land to square It is the Later have I have I see It if the East of aboution . This is the sawar have that de conference it treste mender the operation of the one decemen .

Sulphate of Potash. This has been employed in France in the close of from gas X to Zii. It is sometimes dissolved in Mineral water, and drank to keep the body gently open Phosphate of Joda. This has been lutely employed, and is said to be superior to Claubers Salt. I formerly used it, but have lately laid it aside: I think it inferior to Colombers salt, and it is more expensive than the punge just mentioned. Sed water is a Cathartic, and a very excellent one; but it, is not however in one ingredient of it; this quality resides, it is found to contain the Muriales of Toda, and of Magnesia, together with the sulphate of Time. The first is in the greatest quantity, next the second, and Where is least of the their . The Muriate of Magnesia is pro -- bable an active ingredient. municipal We may immitate Sea water by difsolving some of the purging salls, and Muniate of Soda in water. Sed water is useful in Scrophulous affections, although common Salt is not . www Mineral Cathartics Calomel This is a valuable purgative, as you all know, but at present I shall say nothing more of it. ...

while our of the same of the s carryled an interpolation of acoust, redshing to commen Missend cathasties Caloneel That is a carleable fragular, all you all houses, but at forent It healt say wathery more of the -

Turpeth mineral. This is not often employed as a Cathantis Shough it may be used as such . Though its primary operation ? is that of an emetic, its secondary one is certainly that of a punge. The Antimonials May be all managed so as to act as Catharties, particularly the Tartar emetic. Some Physicians use this mixed with Claubers salts in Dysentery; I like to add the six leenth part of a grain of it to each purging fill, or powder. ... James's powder. We have already spoken of this as an emetic; James however often gave it as a purge, as he himself says. If the Sulphunic acid be distitled several times from Antimony, and this be ground to a fine frowder, and Alcohol burned on the powder, it may be used as an emelie or cathartic. Bernhoff approved of this medicine as a purge There is a Medicine called Antimonia Cathartica which Mr Wilson of England assures us infallably produces an evacuation. un mommune Miscellaneous Cathartics. These are such as cannot be referred to the three last heads. running and

The . International were a supplied to the contract of the supplied to the supplined to the supplied to the supplied to the supplied to the suppli former and the property of the property of ्रेयुजार्या में श्रेमालक HARLES CONTRACTOR STATES leaver from a technically, and the confinement is a first philader men and desired of the second of the production of the second of the second of the second of the second Company of the tent of the second contract of the second of the state of the second of Misselfaneous calpundus.

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Enemata. Glysters

often succeeds in relieving obstinate Contrispation when other means have failed. In Colica pictonium I found great advantage from this application, by exacuting the contents of the intestines. perhaps this practice is a nice one that it would at first appear to be. It is improper where there is an inflammation of the intestines, and on the contrary I believe it particularly useful in a topic state of the intestinal band weeful in a topic state of

Gestation

Certain kinds of Gestation have a rem =

carkable effect upon the intestinal canal. Riching on Florsebouk

is very often a certain purge, but sometimes it induces

costiveness. Linacous found it to be an Anthelmintie.

Sulphur

I have omitted to speak of this ander any of the three presenceding heads, because I know not what head to place it. I believe it to be a vegetable substance. The close of the Flores is from Zi to 11. 111 or 10.

It is often given with some mild purging salt. Sulphur does not leave the intestines subject to costiveness no closs it relax them or render them Flatulent.

EN CONTRACTOR and of more may proved the provided by anish is the samples according to many in the second ways of the second to to own in florensment love of the Enterdier, manual new other formitions, I helieve it partienting angled in a lugued wire of He withthe it caret in morning and and in the and able to first afrate the college and come to a their and a flering on the world is very your of contain perger, need wandlines it indices continuency . There was france it to be one it the limited Lathanie to the wind was the of water of this way ale any of the lines married agreed, durance it characters around trained to place at . Theteener it to be conseppted one of Same . The close of the Three is from for to be the till a fee It is of this given with some will foregoing said . The fine does not Texus the interlines on year to correctly no deer

Dr. Cullen thinks well of it, and says that it does not gupe, but that it gives a disa greeable odow to the forces. Julyohun is sparingly soluble in the animal fluids. The Berlin Johy = - sieians have made much use of it in Dysentery. De Cullen Shought that it acted only in the large intestines, and therefore he employed it in Hemoryholds, unummin There are some circumstances which favour the idea of its being taken up into the circulation. Tilver money is said to buome tinged of a yellow colour, by being kept in the pockets of those who are taking sulphin. It is used too in some Entaneous Affections; and has been employed in Tepra, and in excessive Tallivation from an idea of its being absorbed into the mass of our fluids. Salivation can only be removed by exerting a new and powerful action, as blisters, and Tinapisims will do; or what is still beller, large closes of Sandanum (liquid) or opium, as we have already observed, when treating of Opium and Mercury. Of Diuretics. These are medicines which increase The secretions from the hidneys, and thereby the discharge from the bladder. Not many medicines produce this effect instantly. None of our Dimetics are merely such, but they all have other properties, which sometimes even prevent their O duine les effects. un I shall fist speak of the vegetable dureties, and that in the order of their medical affinities, or their degree of strength.

that that it going is alien grown their rolling to this from a the from openingly white in the amount fleads. The Beeler forty. reason have made such as of it in Superitory : I but hought that I what only in the large suitabiles suited the fire Level Copy to as The me The Med W. S. Summer Summer will company in the first of their self was darken from of its very addressed and dis must of our fraces, and william can well to amound by existing in more funcional former fort weter 1 as the one and trapping and do a what it shill belled. been doses of a toward amend to grand for ofmen in on hours: wanty a be aread, so her to along of Ofamor and withrowy, The state of The surviving from the hectory's and stone of the duchunge pour the bladder . . Not many medicines por lines this effect instantly a time of our is westers and much but the have the purpodes, which sometimes were I so only where Lakall field Specific of The weed to durated, and that in the orders of the medican of junter to shew degree of throughto . an interest

Digitalis purpurea

This is perhaps the most important article of the Materia Medica. The plant is common in the Old World, but it is not a native of the United States. It is sometimes white and should therefore be called Digitalis officinalis. Every part of it possesses the diviretic and deleterious quality, but it resides principally in the leaves. These have a bitter and a nauseous taste, but from the taste we should not, them so active.

Is digitalis a Stimulant, or a Sedative?

Miters generally think that it is by a sedative property that
it acts as a dimetic. But I believe that it is a stimulant
both from its affinity to several of the stimulating plants,
as Tobacco &c. and also from observations of its effects.

In D. John Moores Indugural

Difsertation upon Fox glove, some of his experiments are related. From this it appears that one of his Friends, took grill of the digitalis, his pulse being at sixty four; the following changes were produced.

Mir.	5	10	15	20	30.35.40.	45.50	55.65.75	85	90.95.110.	115.120.	125.135
Beach	66.	66.	68.	70.	72.	70.	68.	66.	62	60.	53.

In fifteen minutes says Dr. Moore the patient perceived a sense of heat at the stomach; In twenty five minutes the pulse was evidently fuller. In Sixty minutes there was an increased flow of Salvia. In Sixty five minutes there was the pulse was diminished in force. In sevenly minutes there was a naused which continued throughout the rest of the day. The experiments of Dr. Moore are conclusive, and have been repeated in England with the same result.

00 abole of the estatures of the season . The plant is common in the 28 of sailed had it is not a souther of star said said sailten. It is foundain Cl 1 while and I have the die you the college was the said of the = 1 1 while proceeding the the total and an accommon proof they will at the faces for more with present with market of the fifth The same the same the same to see the same of the same to the same and represent the fuere court are some committee were finddings on men 6 6 10 226.

But though a hold its primary effects to be stimulating, yet the same may be so managed as to produce its depressing effects. The most considerable of its properties is its power over the heart, than those of Tobacco. mumminum Ishall now proceed to speak of the dis-= eases in which digitalis has been, and is employed. mm And in the first place, I shall speak of its use in Dropsy's because in them it is most prequently exhibited, D" Darwin, and D" Whithering, whose publication is an excellent one, and should be read by every one who uses digitalis in Dropsy, were the first who introduced Fox glove into the management of this disease. Haller and Boverhaave were acquainted with it, but would not employ it. It seems to be a proper remedy in all the species of Dropsy, but is better adapted to some of them, than to others. It is most useful in the Hydrothordx, and in anasarcawith hydrothords. I have used it in many cases, but are obliged to confess that in some it did no good. Thave not found it useful in Acites. Thave however sured a boy of eleven years of age who was affected with this species of the Dropsy, by means of the digitalis. Dr. Ferriai of Manchester has paid particular attention to this subject, and gove our Medicine to twenty four patients with Dropsy. Two of these cases of I seven of Acites, two of hydrothoway, and the rest were complicated. Nine of them were cured, but the rest were not: Of the latter seven were oases of Ascites, and several of the others were compolecated ouses. winnin Dr. Dawin Shought it best suited to those patients, who had been intemperate in drinking

and secured with affect of the For fine our man from more and the same of the same of the same dealth in stagen was the first with which will all the property of were requirement and it of observable sat engely of a straining to do a pergen among me delle the species of the open there is from The wind was the family of the care of the A Secretary and the second sec

22%

After giving the Fox glove he administered a decoction of asticheties, or the Bark: he also gave a grain of opium at bed time, and continued it for three or four weeks. I have found his remark to be just, and therefore I think it would be worth recollecting? In Hydrocephalus the Fox glove has been given by some Aushors, but without success. Thought that it was advantageous in one case, but it did not effect a cure. A Dropsy often follows Scarlatina and is very well adapted to Deinetics. nonnummen I wed (once) one case of Angina Pectoris, by the use of Digitalis. The patients Julse was full, but I bled and blistered him with little effect. The was no appearance of Dropsy Do Curry of Chester in England did not approve of the use of Fox glove in Dropsy because he thought that this disease arises from debility. It often how = = ever arises from fever, and frequently is attended with an (inflammation) inflammatory disthesis, for the blood which is drawn from dropsical patients frequently exhibits and Inflammatory crust. Dropsies are often the consequence of intestinal hemorrhage, in which cases Fox glove is also This medicine has undoubtedhim, undoubtedly done much houm, but much more has been ascribed to it than is the case. Patients have sometimes died suddenly while under the use of the Fox glove? and the death of those persons was attributed to the medicines, although Dropsies themselves often occasion sudden death, without their having been treated ut all with the Fox glove immunimum

Some the made exceptionally the Ter Thereof his that et mar moderandage aus en en ente court it to dest not effect a sure . A Gropey spain follows love hours wanted hardware welchester and to they given although the you is able amone of Despery minimum with in Every of Thethe in Earl land had is the way from defining products from your growing in his amountains and the Sugara was of the one consequence contesting the means when you in secret dieses they place of a conagenciana de sa suma es suma a suma a compansa de sa suma como which wastrianly while words who are of the the prince the of the second of the control was already to the first of the bosts Charles and the property and a second or the second of the second or the

Our medicine has been employed also in Hemorhages. It has been successfully exhibited by Dr. Curie in cases of Mania, he thinks it useful where there is excitement of the arterial System. Do Fornai found it useful in active hemorahages; he employed it in infusion. It acts by the power which it exerts upon the heart and orderies. Thus it acts in the same manner with venosection in hemonhages. It often however does more good than venoesection: Sometimes it in-- duces naused, but this closes no harm. Tead sometimes produces the same effect. The Fox glove however is not so useful in stopping hemonhages as lead Think with Do Withering that Insanity is often connected with a serous effusion. Epilepsy certainly is; ere we should therefore suppose that in many cases of Insanity our medicine would be useful, and accordingly it is often found so. In one case of Puerperal Mania d'effected a cure with it in the Tennsylvania Hospital: I used to bring down the pulse in Mania, by moderately nauseciting doses of Fox glove. In the Mania occurring in young and plethone people, and when Mania is combined with fever, and there is no effusion the digetalis is highly proper Of the use of digitalis in Sulmonary Consumption: I have had but very little experience. I have however employed it in the Hospital, but without any benefit. Therefore think that it cannot produce any permanent advantage. It has it is true, allievated the symptoms, but then the practice is a very (dangerous) difficult one In Catarh however I have found it of much benefit. In one case which was considered at the time as the Phisis Pulmonalis it

and courts of colline or when the words in wife feel without there is and die with I then as the set the start on the Sugar are found in set of the series are their the rainer in assure weath sandward on our Thund Hayes, Mr of this I through south it was shown y which commended to see the color of the parties in the color of were closed by all as a flow form of an also made were a fit throughout the total throw the west with surface of the said the said the eller and the second second entered and

effected a cure. I suspect however that this was only a case of batanh. In Incumoned I have employed it after reducing the fulse by means of the lancet, sometimes I employ it with the mucilogious mixture, sometimes the Salu andled Tincture but I pequently combine it with Mitre in the following form R. Tinet. Digitalis glis 80 ad 100 Sal. Mit. __ Zlosan agua ___ Zviii The close is a small table Spoonfull six or eight times in the twenty four hours. The Sigitalis has been employed to prevent Horton, but I have not often used it. It is proper that I should say something respecting the method of exhibiting fox glove in disecuses. I generally administer it in two forms; either in Tiniture, on pills and powder. The first is a very convenient method, but I have more generally found the medicine useful in substance. Dr. Darwin made a saturated Vincture of it, but from the uncertainty of this, I prefer it either in powder or pills. Dr. Ash gave it in infusion, when The dose of Fox glove when it is good is at first gifs, in powder, and the quantity should be gradually increased. The doses should not be given soon after each other, as the effect of one close will sometimes be delayed untill the next day after it has been taken. I therefore recommend that you begin with gifs two, or

three times in the twenty four hours. It is of great im = = portance in the use of this as well as other diviretics, that the patient should drink freely. Of the Jinetine the dose is gtts NI twice or thrie a day, I mean if it be good and when included the a playmently conduce it willy the last soir. Long I Sound the good of the and I Call Marina Many feel sees in a gate arms easy they decody face have as I The Top stories has been enighbored to prome ! I therefore recommenced that and leave leave will gay have the harfullised in miles during freely. If the houstone the day a gill all thates or thinks in way about of it her poort and

properly prepared. If after the administration of this four grains in the day in substance and gtt 45 of the Tiricture, no effect be produced, we may be sure the medicine is not good, and another pascell should be tried.

We are sometimes called to a patient who has taken an over dose of Fox glove, and who is affected with vamiting &c. Dr. Beddoes in such cases gave a large close of opium, and this is a useful practice. But am now accustomed to apply sinapisms to the wrists and ankles with great advantage. mmmmmmmmmm Degitalis has been found useful in the hands of Do Withling in Nephrites catellose, but in genuine Nephritis I have not done much good in it. But in Dysund or suppression of wine, depending on partial palsy, or great exercises of the passions of the mind, it is extremely beneficial. It was very advantageous in the case of a black woman who came under my care; and gentleman with great debelity and paralytic symptoms, to whom I mentioned this case, took the fox glove in pills, and in thirty hours the dis-= ease was cured. I once gave go drops of the Sincture in five closes, between g and 10 oclock to a gentleman in this city, who was afflicted with a violent suppresscon of wine, with the effect of driving off the paroxysm.

· Nicotiana ... Tobacco.

This and the fox glove, as I have already told you, are nearly allied by Botonical affirity, being both arranged under the class Solaneae alshough it is more than two Centuries ago since the

hadowely produced up and the reduced asset of the place mount The profession of the contraction of the contractio where of military much that is no weighted structured to the the seems reversionanced to adjust sometiment to the about assess in Law Santania Marie Law Salam Santania Color Santania Santania The horizon of the histories and might all the date the freeze was and any tropical con the color of a thing? and was well a color transfer was a secret of least free action while south is a first that the field of the secret. it the tily who were aftheir wille a mobile defining STEERING WOODS Mently there I have been supported from the first property all transaction of the second of another than the second of the second of the

The introduction of Tobacco into Europe, it is only thirty years since it has been noted as a divertic. In infusion of Tobacco is made by adding Zi of Tobacco to a pint of boiling water, and Zii of spirit of wine. Dy Towler gave the Tobacco in this form, and began with gtts LX three times a day. The medium dose is 80 drops three times a day. The medium dose is 80 drops three times a day. The to make complete cures. Bergius applied a formentation of Tobacco in Phymosis. I have given it in the IP. Hospital to advantage in Drophy; but my experience with this practice has not been very extensive, and there = fore I cannot decide on its good effects.

As a divinetic this is equal, if not superior to fox glove. It is generally given in pills with soup, or with gum ammoniae and syrups, or with about zi of powdered ginger and syrup? Squills is poisonous to animals in large closes. There is certainly a resemblance between the medical qualities of squills and Fox glove.

The squill is emetic, cathartic, and divisition and divisition, and its primary effects upon the heart and arteries is that of a Stimulant: It acts as such too more powerfully than Fox glove. Next to the use of the lancet says Dr. Withering I know of nothing which leaves the tone and pulse like squills. In acites it is much to be preferred to the Fox glove. The former gave go X of the dried squills, with go X of Mitre and with water, so as to

excite

owner at has been noted as a decetter, . In including of which is an arche of adoling 31 of circuit to a find of the long winder and 311 of the of final final at the latter soil This fourty and toggin with git LX There times is day . who medicine doce is 20 days Three times a charge incommen An Ing she the Touch frame 2 20 to marke complet cares. Regard officed a former totan of abotaces in Anymolodis. I have given it in their Legation is a describerger in 20 of self; but any expenses well the parties has not deer very Estenion, and there force I cannot decides on the good offects. In morning No or descertion this is comoch, if and surperson to fox gloves all is governed by grain on fully could about It of lownburner georges and syrugh I Sparith is prosecuring to initian to an large doses. There is realizable in assembliance - Extension The me obser t granded of Squally never Nor glaves. and description and it friendly efforts from the Frank and outries is that if a chandred of acts on such the most fewerfully them they gloves a little to the ice of the tunest says It Withern to himous of withing which leaves the time and pale teles De Francis gover go V of the deed against mitte gar X of states and with one then so as to

flow of Name. It might he supported the patient by means of a cordial. Do butten does not approve of this practice. The Squill is most powerful as a diviretie when it naw seates, or even goes so far as to pute.

It is often combined with other substances, and for this purpose, Di Citten employed a Meutral Salt: Tifset added Mitre to it; Colomel is often combined with the Squill, and I believe improve it very much if the mouth can be effected. I have employed it in combination with the Turpeth mineral in the proportion of from go II to go DI of squill, and from go I to go III of the Turpeth mineral, once or twice in the twenty four hours.

The squill has been soud to induce a Salivation. It is afserted by Dr. Warren to have done this. I did not untill lately believe this, but in one case that I gave it, it induced a dishefsing Phyalism, exactly resembling that brought on by Mercury. I have sometimes employed it with considerable a divantage a Tincture of squill in Ather.

Eolchicum. Medow Saffron.

This is an article which has excited great attention. Itwas formerly celebrated as a diviretic, but it is not now much esteemed in the United States, and Bergeis found the oxymel of it to be superior to that of the squill.

Polygata Senaka. Seneka Snake root.
This is a native of the United States,

Control of the Contro 1 NOW A THE STORY OF THE PROPERTY OF THE PROPERTY AND A STORY OF THE PARTY OF THE PAR

and when first lasted appears farmaceous, afterwards it is deed, then it commences a fungent laste, constructs the mouth and facus, and evinces a stimulating quality. It is a Cathartic, durietic, and buries on a great flow of salvia; Its most constant effects is that of a directic and if properly employed, I believe it to be one of the most importants duretic that we employ in practice. It has produced a Salviction. This was noticed by one of Linnous pupils, and I have seen it in one patient from hydrothorax, from whom a Saturated Tiniture of it, always carried off a barge quantity of water.

It is now several years since it was noticed as a powerful medicine. Me Tennant gave it in decoction and in powder to polients who had been by Ralle Inakes; his dose of the powder was go XXX; and in decoction three table spoonfull; but his doses were rother large; he found it always a diviretic, but noticed no other effelt, he gave it in Incumoned, and showed a great deal of Judgment in the management of this disease; he never Thowever gave it in genuine Inflammatory Pneumonici; but in Scripneumonia Metha. He sometimes gave it in Threnetis verd, but not untill after free evacuations by The lancet. Temery, Herman, and Justin recommended et also in Ineumonia, some of the Physicians of Edenburgh tell us that they found it injurious in Pleurites vera. I should suppose that it was bad in true Preumonia, being a preety powerful and perma = = nent Stimulant. I have not employed the Teneka in two Sneumania, but I have in Pneumania Trachealis; and in the West, Indian it has been used. There are in short many cases in which it is hardly possible to judge from the pulse, and perhaps more

Land herebert willy from a house the think that a house the second of Some that went to the the superior to accompany the transfer the transfer that Service of the Control of the Contro

234.

to indicate.

In Cynanche Frachealis it has been

I have given it in many cases of Evoupe, and is extremely powerful; Thouse given it in many cases of Evoupe, and exhibited it in a strong devotion of the root, and that in large doses. It is most useful where it is emetic, or divication, as sometimes, it acts as a cathartic, but not often. I have given it with advantage combined with calomel and specacuanha, but I nevertheless have not for gotten the lancet. Do Ancher aforibed too much to it in my opinion.

= tism, in Gout, and in Dropsy. In the chronic Theum = attim I think it would be useful. Mr Bouvear tells us that it did not make complete cures of Dropsy. In one case of Dropsy (Mr Taylor's) I found it extremely useful. The Lad hydrothorax complicated with a pulmo = now affection, and with Anasare a. The afterwards however died of Phisis. - The Teneka has done

and at the good was not relieve to the second to the second to There is the first could and the state of t and the surface of the first of the first of the surface of the su which the same who was the first of the former was a second function grand participated and house and and the transfer of the first weather The First Tyde to an comparated with a war.

harn in Dropsy, by being used in all fams of it. Doctor Milmon however has given testimony to its whilely. Out of thinteen who were offected with Ascites he cured six. min This Statement dern ands attention, and in this form of Dropsy practitioners should always use it. Dr. Percival recommends et, and says it and one case of hy drothords in his hands. ... In one race in the Pennselvania Hospital of a black man who was affected with sener easal Dropsy, the patient was cured by the liberal use of a Saturated decoction of Tene ka, accompanied by small doses of Camornel. In Chronic Head Cloke en affection, to which women are subject, is of much Dr. Mumo cared a Woman with it, by giving II divided into four pills; and one full John times a day, when * Lactured virosa. Wild Tettuce This is very highly recommended is a remedy for Gropsy by Dr. Collin of Vienna. It is much like the rommon Lettuce. & hum This has been used to advantage in several cases of Dropsy . . It is often duiretie, and increases the effects of Fox glove. Eynara ... Intichoke The expressed juice of this is much employed in England as a duratic, and is praised by Doctor

of as the handle of makens of any of the second as the The william of the second of t Landan am into is stone of the allering the till the same of the same

236. by Dr Gullen. Dr. Wilson of England has lately published a paper report it: I have not yet used it. Helleborus niger I have already spoken of this under another head, but it is also an excellent duratic. It is to this ingredient, that Beeker pills (say Jonie) owe their goods qualities . - Dr Ferrior says that they have often done good in Dropsies .. Gambouce This is often used as a purge in Dropsies, and it also stimulates the hickneys The Siliquosae. The whole of these are given in Infusion in Dropsy as divirelies. The Alliace a. The whole of these are duretie, and their sdows appears in the usine. The Conferal.

These are recommended as directies.

From the (kingdom of animals) animal kingdom we obtain
two chireties.

These have been used as durities

The same of your constitution of the same the second was in the second and dead advantaged in the second Such that I Butter field our down or over their goods the wind to of there are govern as The Maderal The whole of these one donners, asad Easy The acides. a three times here. The second state of

both in substance and in Tineture Hippocrates employed it in substance. The Twitter is made by macerating together. Canthanides 311. Proof Spirit 361 Dr. Chalmer employed Canthanicles to great advantage in Tropsy, combined with Camphon. In one case that of a black man, it recluded the Dropsy in Canthorides have been employed in Floor Albus and in Gleet. Dr. Munro gave a Tineture of of them very successfully. They have been exhibited for Entaneous affections. Dr. Brown gave them in Hydropho bia, and Shought that they sured the disease, by exhibiting a new one; ver Strangury, others have used them besides Dr. Brown. The administration of the Tincture

The administration of the Tincture of Cantharides in Typhus Fever was approved of by Dr. Home, I have given from vi to X or XX drops two or three times a day. It increases the force and fullness of the fulse, and I have upon the whole found it of service. It may sometimes be employed in large doses.

Neutral Salls.

employed in practice, have been exhibited as divertice, but the principals of them are Mitre, Cream of Tarton,

were that if it black maint it reduced to a Proper in There were sides of fielder. They have then exhibited for Entangery The day of the the second govern Stans or " The traffer of the said Mrs. andonecessistem time of the Tenstein. t throughten the en Applican a tower and approved of by The House of Faces gaven from the to X in XX deaple lies our the lines and up I the wit says the fire and fittings the described and an and convertises becamplifyed in targe wases

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and the Sal directics. Nitre is very but the Sal deinetics I have not employed, though I have the Cream of Tarton. Di Home has spoken of the powers of the last in Dropsy. He and I have both given It four or five times a day in water with advantage. I think it adapted to the februle Dropsy, where bleeding is proper. Di Home sometimes gave large doses in water. You all know that Gold is duretic, and that cold water will operate in this way, I know a gentleman who cannot put his hand in cold water without its producing a large flow of unine. Intillythus Many of the lare also Anthily = thies. The antiest (antient) term for this class of medicines were Tethontryptics or stone breakers. But they do not appear to produce any effect upon a stone after it is formed unless by a very long continued use of them, it should be softned. They rather appear to affect the lyther tendency of the system, and perhaps tend to prevent The formation of Calculi mummin Many of the betters are Untilythies, but is particularly with Gentian Centaury,

Chamomile, and Maryanthis of all of which I have

spoken before

were Large Louis was course with Colol. The call Horner Mark Earlie in Surgeries . and that what water well operate in this way it have Million

The infusion of Qualica has been found extremely useful, and I believe all the betters which are employed in practice may be advantageously exhibited in Calculus. Not only the betters, but the purer adstringents have been likewise recommended. Many Kinds of Geranium have been found useful, so also has common table tea, so much so indeed, that in China, and I apan, where much of this article is used, balculus is scarcely used. I think that those articles which combine the better and adstringent punciple is very useful. There appears to be a considerable connection between Calculus, and Cout, and many of those who are affected early in life with Gout, die of Calculus. _

This is at Mative both of Europe, and America. It is of no consequence whither this medicine was known to Galen. It is of no consequence whither this medicine was known to Galen. It was however employed as a divinetie a long time ago. The leaves when chewed appear bitter and Supplie, have a sweetish taste, and increase the flow of Salina. There is more of the bitter taste in the leaves than in the Bark, or the stalk. The infusion, or decection throws down a black sediment with the Sulphate of Iron. The decection of the leaves is a better form than the simple infusion. I often exhibit them by giving them to the patient to chew, and pequently I break them down, and give them in powder.

its utility by its power over the heart and arteries, we should not

think It deserving attention

so much incleed is this the case, that

he are furnity of me and fine that there formed withingthe is first only 0 That Etrac. Summer of a france about thereby me to from a fine to the to an electronic star of the of the star of have a survey of and the first and the second second second the second second to the second second 4

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hysicians differ in their opinions respecting this medicine. De Ferria of Manchester has given it in Nephritic cases with manifest advantage. When the pains are asute, he begins his treatment of it with bleeding; and purging, afterwards he gives go v of the Uva Ursi with gifs of officen three or four times a day. When given to the extent of Ifs he found it produced naused: he says that of sixteen patrents who came under his care, he discharged twelve cured, I have not found it to produce nausea, though I have em-- played it in larger doses than Ferria did. But I have not combined it with opium. I have no hesitation in say ing that it may be given largely without injury. Tourage Gave Zii three times a day; but I think the average dose is go VI or VIII three or four times in the twenty four hours. when Uva Ursi has been useful in different affections of the Uninary Lystem, where there is no calculus. De Haen advised it in Ulcers of the Urinary organs. It has also been employed in Diffuria, and Frangury. Bloody unine and the Catanhus Vesico, or a great secretion of mucies from the bladder, I have generally found in Gouly patients, when this depends on Inflammation or writation of the bladder, I Think Mod Mise improper. I have however seen some inconvenience from a combined use of this medicine, which is, that it sometimes, but very realy initates the bladder so much, as to produce a Calanhus Visica. Tometimes too it has included that light : nes of the Chest, which results from Bark and several of

In some cases of Fluor Albus, and

Appropriate a secondary with the secondary and the secondary when a regularization the given on the of the steam their stants of the Late there is proved to be the state of the same of the same es and the state of t Re es de " of a fair the same of a price the fine of the Course State and the same in a combined wind the new among make to the of transported extense for I like as . Townshinds too the harm closed that his he est 60

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in Gleets I have found our medicine useful. In virulent Gonowhead of long standing I have likewise found it beneficial. In one case which I saw, the running was accompanied by Hernea Turnowlis and great initation of the drethra . This was cured by taking the infusion of the Ulva Uhsi, and chewing the lectoes. Bell says that it is not useful when the Prostrate Gland is diseased. I think it not unlikely that the infusion, or decoction might be advantageously injected in some cases of Catanhus Desico, and also in the interes. Upon the whole I think that Alva? Use will often remove the symptoms of Calculus absencely existing, that it will prevent the formation of a stone, and that it will sometimes expell them after they are already formed ... The modus operande of our medicine is difficult of explanation. Injected into the stomach of animals we are told by Gircudi that it inflames that viseus: - But I doubt this; for in other places Thave had good reason to doubt the afsertion of this Girardi . Dr Haller supposed that it acts by robbing the calculus of its mucus. It does not act by absorbing acid from the stomach, as D. Cullen supposed. It may sometimes act by dessolving the calculus, but this is more applicable to Mephrites; This however is not explaining its modus operandi, because it pequently gives relief when we find by the

The contract years are the second the still the and a subject to a subject to the su lacking a Shall saigh Might at is part war just entered the Sear Prailled an Statement on decochers and the lie attended and any warel where some cases of licetarately lenan, and also as The selecus and I had it will dimetines expect them after they are It was break good as inform to doubt the expection of Their explained to all mines summetimes and his defection properties because it frequently gives relief colons on force by the

by the sound that the Calculus yet remains in the blad der, and is undiminished in size. The Mod Misi often does good in Calculous cases where it has no remarkable effect upon the stomach. Dr. Kuhn gave 3/ of the pow dered leaves four times a day, with an operate at Night, to a boy who was afflicted with calculus, and entirely removed the symptoms: Although the medicine does not act by (displaying) dissolving the Stone, yet it doubtless relieves in many cases by expelling it. Of this I have seen an Instance. Mr. B. applied to me for relief in this affection: I advised the Uva Urse ted, and in eighteen days he discharged a stone; he found it afterwards frequently useful in discharging the granules, that they never came away, unless when they he was making use of the medicine. The operation of Uva Unse in Calculus may perhaps be accounted for in this manner. The presence of Calculus in the bladder is accompanied by a vitiated state in the wrine; it having a fatict odown, and being thicker than common. This is doubtless sufficient to excite much pain; and in such cases the two Use prob. = ably acts by restoring the urine to its healthy state. But I cannot say that it does not sometimes det, by def-- solving) the stone in some measure. A Boy in Thomas's Hospital in London, who was affected with the symptoms of Calculus, was sounded, and the stone plainly felt: He took a lixivium of Folash, and upon examination after death from another desease, The Stone was found to be very rugged and soft. ...

greet, and of as reasonable water and were as with the aller all and a think A STATE OF THE STA the figure of the first of the first of the first of the first tenter of the first of the first of the first of

243 There is often a connection between Nephrites; and gout, and Moa Use is a better, as well as an adstringent, Rephrites should be treated like Gout in many eases. The good effects of Moa Misi are partly owing to its betterness, as well as to its adstringency. Perhaps they are owing to a certain proportion in the mixture of the two qualities which exist in the Mod Misi. It probably often produces good effects by its tonic powers, but it is frequently useful in Inflammatory Nephrites, which requires bleeding Garadi says that Catalli are dissolved by an acid, which is distitted from the Wood Mase. Sout this vegetable contains no disengaged and. Pyrola Winter green Of this there are several kinds. they have been employed with very nearly the same effects as the Uva Usi ... () The Alliace on I These have been tately employed is antily their in the British Hospitals. Garlie which was the strongest of them was used for this purpose a long time ago. The leak has sometimes been found of great service. Many patients have asserted that they have been cured by the beardy I of the leek, and in a great many others et has been productive of beneficial effects. It would probably be equal by som useful in the intestinal Lithas is

distribution of the state of the They there were there and steget with any major by to make the of the contract and the contract to the contract to by the line, and we produce a product wound when the war The expect think the more first you the water than the state of

244. appearing in horses. I do not believe, as some have afseited that these articles act in Calculous cases meerly as dimetis, but that they tend to prevent the formation of stone, and that they act on the coats of the blackder ... Muriatic Acid. This has been found a very valuable Has been much employed, and bity slitt preserves it reputation. These are medicines as destroy Worms. The Worms that infest the human body are of four kinds. _ 1 st Tumbricia, These are different from the common earth worms, they can sustain a heat of 96. It is generally believed that they exist only in the body, but it is probable they call exist out of it. Mr. Bruce affects that the Hyseans discharge worms every month, by taking a plant called by them 2nd Toomia, or Tope worm. Professor Tallas -

and states materia, out in it souls with a second and a second and that they time to prevent the formation of him an al that they are no the west of the Electoles Microstatic sheets ... within those team forward in very own Los Gener march confiloyed and anther months Hames . The House that wifet the human body one of The cold of severally believed that they exist only on the lady hat it is probable they all exist out. of its, a the fluore refront that the Majains dishows course every month, by taking a plant called by their

21,5: has informed us that they exist in the waters of Siberia! The Lumbrica, and Toma have both been found in the and Ascarides There are found, particularly in the Rectum. These and the round worms are most frequent in Children; they often discharge worms while at the breast ... If the Eucurbitenia, or short flat worms. The Abbe Spallanzing has found animals in the blood similar to those found in the serum, they were even seen in Jemales. ... The generation of worms is a curious and interesting enguing. The Tymptoms which are supposed to inducate them, are prequent preseing poins in the abdomen, cachectic appearance, starting in the sleep especially in in Children, geddinels, Salvation, and more or less pecking of the nose, facted breath, turned belly, and varolious appetite. _ Dr. Home thinks the most infallable sign is a swelling of the ala nasi upper lip, and adjacent parts. I have reason to believe this, but I must confess, none of them are sympo = toms exclusively indicative of worms In weak people! they do not create fever. During the prevalence of the Epidemiis the bowels are loaded with worms. All animals are subject to them. Ascaudes create an itehing at the Anus, which Da Hebberden observes is more frequent at Night than any other time.

a+6+c - 9-6+6+c+6 \$=500 to prome graphed to be by the there and of

246. Spigelia Marylandica; or Pink root This is a Mative of different parts of America; It is a perennial, a powerful anthetminter; safe, and perhaps the best; gr XII is a dose to a child three years old, and from Zi to Zifs to an adult: It vomits, produces confused vision, vertigo, and it purges. It is therefore best to administer it at Might, especially to Children . _ Dr. Gardner says If is as much purgative, as so much Rhabarl; and he thought the larger closes the most effectual. The gave it with the root of Dr. Home days its only operation is that of moving the bowels; he gave go x twice a day. The root is the only part That ought to be used; for it is about four times as strong as the other parts i men Dr Chalmers says, it brought. on Convulsions. _ D' Thompson has proved it considerably stimulant to the System. www I do not agree with him, that it is not a dangerous, and powerful medicine,

delica e dimensiplement : co : L Land March Comment and and standards the over you X it is a starte to de the the the There gaves state and from To to fell to can thebart. the according produces confered was well a collen dead of hing of ; my the expense of the the time the time the same the same the of it much forgolers of so much of hadast our de E George St. St. Jan down the most of Batteller. is that of commence to harret of the grave of & their which the same with the same of the same o There is no good to the same of the set is the set that the same the

It has done much mischief in Carolina; Safsent it to be an extremely poisonous vegetable, and it may produce convulsions; I have seen it useful in the Fevers of Children. It should be kept in powder. Hellebor Fietid This is an indigenous plant of our bountry. Bufset says the leaves are Inthelmentic; These pow dered and mixed with mineral composed the worm medicine of Dr. De Witt. It is a species of The same genius with the Helleborus niger. Di Kuhn of this City has made the composition of De Witts pow der Known, he has used the leaves of this plant with sucrefs. The dose for a Child sex years of age, is I of the fresh leaves in infusion, on go XN of the died leaves in powder. Geopoya inermis This is emetic, and Cathartic. It is used in form of Infusion or Tyrup. The bark is recho = - oned a powerful anthelmintie: Do Rush has used it, and never knew it foul. ... Tolypodum vulgare This has been recommended from the time of Galen. It is unquestionably a powerful Anthelminter. It exerts no considerable effect on the alimentary Canal; The worms are only discharged, purges should therefore be frequently given when using) Douchos pruriens. Cowhage The down or pubescence which covers

The King Strong ourself more than the more than the contract of the strong of the stro per clear incidential in the second of sure second and surefect and the Sauce Electron and a heartill his stopp on towarders or the in an everly course plant of mer beautiful Bieford says the Gardes was Chittedmenter There from the same general wants the Mithberrie sugar IN Michild of the least to de source the compaction as I have that four to therein to have need the leavest of the plant will investigation for in the the sea from your of age, a for you to find deans in inferior ne go x so of the street leaves in families immen THE COURT WELLES COUNTY TO THE correct are former of the former one Found a state of and a to me and the state of t

248. The legume, is the part of this which is used. It is a Mative of the West Indies: Its operation is purely mechanical; This is proved by the Tincture, Infusion, and decoction all being inert, in One hundred experiments prove that it may be used with safety, and advantage; If there is no amflammation in the Homach or bowels. The mucus in Children com bestie is not absorbed; On this account it is that Children can take so much Calomel without being salivated Cleum Chulm This I have found an useful anthelmentice, It operates by stopping the respiratory organs of the Camphon Earnfohor have killed worms. Injections of Campohor, and oil, in the proportion of It to two Z of oil are very useful for " nelieving the thing. Valerian This is an anthelmentic, and is likely to ba useful in Epilepsy from worms. was a favorite remedy of D", armstrong in The case of Melia Azeder This I conceive is one of the most powerful anthetminties. The Bark in Infusion or decoction is used in Carolina and Georgia, it is a good Anthelmintie. I have given go V to a Child three years old

the second of the poor of the colored of the The state of the control of the state of the state of the Building Burning Thomason of Burning Street 0 me it will have been with the wife of the second the second a state of the day will grow the A second to the Reservoir State of

.(5) () Mercury This is one of the most powerful Unthel minties. Calamel is the best preparation of it for the purpose: The dose must be accommedated to the age &c. Dr. Gardner has recommended the corrosive sublimate; and I have used it with Iron. It is useful in the Botts of horses. This has been used as an atothel = mentie. It is used only in powder, but it is not much to be depended upon; The operation is purely mechinical, This is proved by the inefficient of a very fine powder. The dose is from I to II. Dr. Ashton recommended it in very large closes as from Ifs to Is. In such closes it has destroyed domia. The powder is made by triturating melted In untill it cools. A person who had drank some water in which salt was difsolved, was vomited and purged, and discharged a quantity of worms, and was eured. It has proved very effectual in injection. Children should be permitted to use it freely. In fact Jonies have been too much neglected. It is the lax, and debilitated constitutions that are troubled with worms. Under certain curumstances they are useful. Butter, and Jugar, contrary to common opinion may be allowed. www External applications as Anthelmintics have been too much neglected. Dr. Musgrave recommended fomentations of Rue and Wormwood: They have certainly done much good. I have known Tobacco of much service externally applied, made into a pouttice with vinegar. ...

a this is and of the month francisched the hard in his ton burge is the less proposition of the property fundance. don incommendation the comment distraction with the state of the state to water channed in the second was fire and the freeze of houses in June: made out as most andy my flowerest bed it is made meach to is desirable to apare of the foundaries in face of wise home when The is franced by the conflicting of a very five franction which very Engles shows in flower of to to fire I be durch above the their destingend somewise , all friends in monde by brillings of the planewilled to severall find the first showed have

1) Of Emmenagogues. E

These are a set of medicines which are employed to bring on the Catamenia, either when they have delayed appearing at the proper age, or to restore them when they are interrupted. It has been disputed whether such medicines do artially exist. There are indeed some which at all times specifically affect the Uterus; but there are some medicines which produce the desired effect upon that Organ. I have not time to consider this function of menstrue attein, which is said to be peculiar to the human kind, that this is not the case, for there are some animals which do menstrutiate besides women, though not so exactly in regular periods. This is an interesting subject in a physiological point of view; and Jam sorry to be obliged to pass it over.

of their use, it is necessary to keep in view that there are two kinds iregularity in Edwarenia. Retention and obstantion of the Menses. By the former term is meant that the Menses have not appeared at the lime at which they should by the order of Malure, or when they have appeared at the profer time, and after running once or twice have recased to reappear. By obstruction is meant that after having appeared time, and continue to run regularly for some time, they do not return again; or at least not at stated and regular periods. The Retention often depends whom debitity or attony, but not (often) always, for I have known it to occur in robusts

CF CHIPHERECGERES The what is east to the fundion to the house hard, the the bourse in the land of many in it a last severy to the will pract and her himself mangerlandly you buttersonward . Retending word or stated land of the Itheres of the this favorial than it meeting that the exterior dinor met affected all the hear count when in our men our or hard hereby the many opposited time, and continue to man Land mer at stated in it regarded formand Maintenier of their refund equal deliting or allowing the course they are come you at found windows in the recommendations and

and plethoric girls, and the Menses appearing regularly in languid and delicate ones. Amorous profisions have con = siderable influence upon the state of the Menses; but this is too delicate a subject to proceed with if even time permitted The Retention and obstruction then often calls for some of the Stimulants, or Tonics of the class of Emmenago ques, and I shall proceed to particularise them.

Tonic Emmenagogues

The preparations of Iron dre among the best of the class of Emmenago ques. They are only proper where there is a fluericity of the system. My favorite preparation is the Rubigo ferri, often with the Oleum Sabini. The iron itself in its metablic state might be used in conjunction with this oil. D' Culten thought that retention of the Menses depended upon the construction of the extreme vefsels of the Uterus, and therefore that Stimulants were improper; Allowing the constriction which he speaks of, which nevertheless do not admit; It is no reason, that I can see why the win should be improper.

The flowers of these have been used, according to D", Hebberden with great advantage. I too have found them useful. All the different vegetables bitters are useful Emmenagogues.

Cold Bath

Of all the Tonic Emmena gogues there
is perhaps not one better than the Cold Bath; but

and the second the second and the second second representation about the second of the second seco examination of the former of which will flowered it of the authoritance will LEGITE CHETSEPHETETTEST where there is in structured of the workings and the The same of the sa The state of the same state of the same of

it is only proper in Retention of the Menses, and some = = times indeed it is dangerous, particularly when there is a predisposition to Thisis. Warm Bath (water) salt has been found of great advantage. Madder Though this is a feeble tonic and adstringent, yet it is a celebrated Emmenagoques. D' Home of Edinburgh gave it to 19 patients with Suppression of the Menses and aured by of them. He gave from Ifs to It twice a day. he says that in general it restored the Merine discharge before, or about the twelfth day, and did not he heavy upon the stamach. I have employed it both in 1) private and in Hospital practice, and altho it some times failed, yet of do not hesitate to say that I have frequently seen it do good, and that it deserves attention. I will mention a wicumstance worth recollecting). In the Bear 1787 I assisted Di of Rhode Island in experimenting upon the Fatus in Attero; we tried whither or not the Madder would tinge The bones of the foetus, and accordingly gave it to pregnant and thus our experiments failed. ulating Emmenagoques

This has been spoken of under another of head. It has also been recommended as an Emmenagogues, but I have not employed it as such.

A PACKARAGE Control of the Control The second second wally a province parameter as the same said

This has been observed before to be a stimulant of a powerful kind; It is also classed among the Emmenagogues. De Eutlen thinks it useful in Obstruction, but not in Retention of the Menses, he did not carry it so far as to excite a Salwation. I have em = ployed it to great advantage in Retention of the Menses, and have raised a salwation with great success.

been found to be a very powerful, and useful Emmenagogue by Dr. Hartshown of this bity.

Rosemany This in Infusion, or Tea is used as an

Tuniperus Sabina. Savin

This has been used to expell the Child, and Placentici in difficult Parturition. It is also comployed to procure Mortion. It is an universal Iti=
mulant and from being frequently employed to induce abortion, it is in some Countries forbidden to be sold.
Some mischief is done in our City by employing it for this purpose. About five years since I was called to visit the Wife of a respectable man who was in the second stage of a pulmonic disease: The was a few Months under my care and then informed me that she attributed her idness to her having, by the advice of an old woman, em=
iployed Savin; and by this means produced three successive

March Latterney's Green (1997) who plantered the State of The second of the second limits were appropriate that the second of the second SOUTH STATE The second of the second secon BURNESS OF THE PARTY OF THE PAR

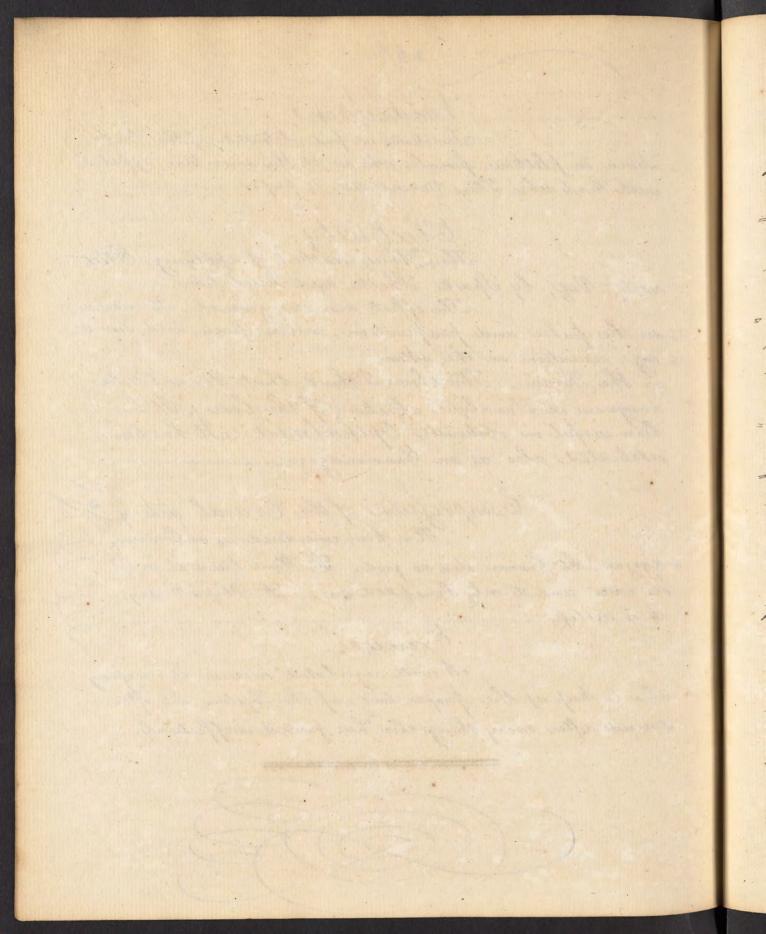
254. Abortions. The said that it acted violently. The look it in barge closes of Is of the leaves made into a strong tea. The was induced to do this to avoid the pains of Sarturition. The powder of the dried leaves of savin and is a useful application to Warts, is a good especially venereal ones. ... Avistolochia longa This I spoke of when treating of the bitters. It is a very good Emmena goque, but not much used at present. ... Matricalia. Fever few This is also used as an Emmenagoque. Judorific; and has weed the lite of a Ralle Snake. It is often used as an Emmena goque. Tennyroyal This is a warm pungent aromatic plant; It increases the secretion by the skin, and is esteemed as an antihysterie, and an Emmenagogue. The american Pennyroyal is different from this, but it is also an Emmenagogie of great power, particularly in cases of sparing Menstruation. Dr. Shippen had a very high opinion of this part. www Helleborus miger A Spiriturous Tincture of the root of this plant is known by the name of Tinetuna Melancholia or Helleboni. I have given it to the extent of g XX

STATE OF THE STATE The second of th

I have gone as for as a table spoonfull twice a day. I think upon the whole that that this is the most active Emmenagoque that we are acquainted with ... (("); Tinctura Fuliginis R. Thining wood Foot 31 Asafotida Rest. Spirit of wine Proof Spirit aa Digest for six days, and strain. Ed. I have not used this, but it has been I highly recommended in Hysterie cases, and in obstruction of the Menses, and may be given in closes of from It up to 3fs. Msa Fatida Is an important article in this class of Opum This has been used in several instances as an Emmenagogue, but more especially when the disorder with hysteria. It is useful in obstructions of the Menses. In some cases where the Menses merely appear, but not in sufficient quantity, I give Doven powder. Acrid fluids useful as Emmenagogues; and this is practised in Englands. As Specacuanha, White Vitriol, Blue Viluol, and those producing uneasiness about the stomacho are all useful as Emmenagoques.

Berge transmitter for the termination in the second and the same of th uses milescope and the second Constitution of the party of th Control of the State of the Sta

256. encosection Tometimes we find obstructions of the Cala-= menia in plethoric females who are at the same time affected with head ashe' Then Denosection is proper. There Three methods of applying Elect nicity, Noz, by Sparks, Shocks, and Insolation. The effects are very general. It increa-= ses the pulse and perspiration, induces fevers, and sweat-= eng), resudation on the skin in the Brain. This shows I think that it would be dangerous in Paralytic affections of the brain. It has been useful in obstinate Opthalmed. It has been celebrated also as an Emmenagogue. Compression of the Crural artery Has been considered as an Emmen-= agogue. It however does no good. D'. Home tried it in O six cases; and it only benefitted one. - Dr. Physick says it is useless. Exercise. A well regulated exercise is necessary also to keep up the proper time of the Tystem. It often succeeds after every thing else has proved ineffectual.



257. of Blisters I ugret exceedingly that I must pass over these so hostily as I am under the necessity of doing); Now there is not any study more worthy of your atten-= tion as Physicians than that of the use of blisters, and the theory of there operation. They show in a very striking manner the power of medicines over the human constitution. The History of Canthorides as an extern-- al (deserves) application deserves notice, but my time will not permet me to attend particularly to it. Blisters were employed in antient times, they were used by Hippocrates. But the Hy which were used for this purpose is diffe-- rent from ours though of the same genus. It is hardly necessary for me to men-- tion the method of making blisters from Canthorides, but the most common mode is by spreading basilicon on leather, and then putting on this the powdered Cantharides. Sometimes the ointment and Cantharides are mixed together before spreading them, but the first is preferable to the second of these methods. Tometimes the flies are put into a bag of muslin and applied to the skin which must be previously wetled, This acts very well, and is very aconomical as the same flies may be applied several different times. In speaking of the diseases in which blisters are used I must be very brief and without method. There employment in Precemonia is very common, but they are seldom used in the early stage of this disease, and not untill after bleeding and

State White the first the same supported to the same the same the same the same of the sam The same of the sa And the second second the second the second Barthall Barthan and the fall of the second state of the second s The transfer of the contraction of the second of the secon The section of the Principle of the Contract o Hilliam III. Handeling and heart heart of the Committee o

My practice however is to use them early, and after a little bleed In Eynanche Trachealis they are applied to the fore part of the neck and breast, but sometimes to the back of the nech. They are applied even in the first stages of the disease, and every Johnsecun knows their ulitity, This being in proportion to the quantity of serum effused. In Nephrilis verd or Inflam = - mation of the hidneys, blisters are applied to the kidneys with much good. In Enjsipelas they are extremely useful! In one case of a female who was affected with Engse - pelas in the head, when the Inflammalory symptoms van high, and the patient was near delerium, the blister seemed to be more effectual when applied near to the head, than any other place Their utility in Opthalmed is known to every physician, and they often give relief when no other medicine will succeed. They are generally ap -- plied to the Temples, to the back of the neck, or be-- hind the ear, and to the elbow They are best in 6 hro-= nic cases of Opthalmed. They do not injure the sight has as been said by some. min In many cases of Deagness; blisters are very useful, and particularly in Gouty deafness. In Gutta Jerenia they are very advantageously applied to the forehead. In Epiphra, or a flux of the lachrymal fluid . Blisters are very useful .. In the Gerophulous affections of the

the their suppose that the second the second were the same of the grant of the grant of the grant of the THE REPORT OF THE PROPERTY OF THE PROPERTY OF THE PARTY O She to the filled whe for an interior of any file The state of the s the way pay payer wind they gitte year of which give good to the properties and the second of the second

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hymphatic glands of the nech, they are very useful, and should be renewed upon being dued up. They are applied to the parts affected and, I apprehend pequently act by exciting the action of the absorbents. They are proper also in Torophulous affections of the eye lids. www. I shall say nothing respecting the employment of them in Fevers, but refer you to the Professor of the Indetice for information upon this subject. In Dysentery they are applied to the umbilious and over the Stomach, and some = = times they produce a stool sooner than any Cathartic. In Dianhood, but not before gentler measures fail, they are very advantageously em= - played to the inside of the wrists, and to the abdomen. In Hepatitis, or Inflammation of the liver, Blisters, are iseful; but of this I have spoken when treating of Mercury. In Feuconhad I have seen them very useful. I attended a female a few years ago who was affected with Seuconhau; I made use of Adstringents without effect. I then laid a large blister over her back and kidneys, and in twenty four hours it stopped the discharge. Thave since employed them with equally good effects. mormon Blesters one not much used in Gleets; but they have been found useful, and I think They are adapted to it. An accident discovered their utility here. Now are they often used in Gononhow, though from what has been said of their employment in

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in Leuconhand we might suppose that they would be useful also here. I have never used them here, but Mr. John Hunter says that a blister cured a Gonowhood which had resisted every other method that had been em-- played for its removal. unummen mummin Blisters are very effectual in discussing venered Buboes, and should be used early I have little to say of their use in Diabetes, because I have never employed them. ... When however the disease has been of a long continuance I think that they would do no good; But in recent cases proceeding from Gout, repelled from the feet, or from bile in fevers they might be very useful, and should be applied on the back over the hidneys. In many Merine hemonhages. Bluters are useful when applied to the ankles. In Angina Pecloris they are applied to the Sternum, and the neighbouring parts, and have given great relief in this disease. It would require a whole Teiture to speak fully enough upon their use in Mania. They are universally used in it, and by means of them I have made very instantaneous, and permanent impressions upon Maniacs. Sometimes however they do harm in Maria. umm They are important remedies in many cases of Epilepsy. I have prequently prevented the paroxyms of this disease by means of Blisters, and Sinapisms. I have already spoken of Hydroceps= - halis internus, and of the use of blisters in that disease when treating of Mercury: so that it is scarcely necessary

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to say any thing more, respecting it. Whenever I have freeformed a cure, it has been by funging, bleeding, and repeated Of the use of blisters in Vertigo I have had too much experience in my own person not to speak of them with gratitude. I have employed Sindpisms to advantage, but where there is time, I prefer blisters. In Tyrosis, or water brash when The disease does not yield to milder means, blisters should be used on the Chigastic region, and sometimes on the ankles. In treating of the oil of amber, I informed you of its use in this disease, and it is worth recollecting). Blisters are employed for the sites of Rattle Inakes, and other venemous reptiles. An account of His practice I have published in a paper in the Thilo-= sophical Transactions of Philadelphia to which I refer In Small pox, when he was apaid of violent Inflammation, Dr. Duns den applied a blister on the arms near to the pock with great advantage. ... In Incontinence of Unine, they must be placed upon the Scrotum, so as to keep up a Strangury. In Retention also they are very useful about the bubis. They are extremely useful in Gangrene, stopping the progress of the disease; I could say more on this subject, but page on it with less relictance, as I am able

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